



CATALOGUE

ISOLATION
PURIFICATION OF
IMPURITY SERVICES

WWW.VEEPRHO.COM



VEEPRHO IMPURITY REFERENCE STANDARDS

Parent Drug Name	Product Name	Catalogue No	CAS No
Abacavir Impurities	Abacavir EP Impurity B	VL760001	1443421-69-9
Abacavir Impurities	Abacavir Cyclopropyl Diamino Purine Impurity	VL760002	120503-69-7
Abacavir Impurities	Abacavir EP Impurity F	VL760003	1443421-68-8
Abacavir Impurities	Abacavir EP Impurity D	VL760005	783292-37-5 (free base), 267668-71-3 (Salt)
Abacavir Impurities	Abacavir EP Impurity C	VL760006	124752-25-6
Abacavir Impurities	3 Hydroxy Abacavir	VL760008	N/A
Abacavir Impurities	Abacavir Impurity 1	VL760011	2022943-79-7
Abacavir Impurities	Clorabacavir Racemic	VL760012	1918156-05-4
Abacavir Impurities	Abacavir EP Impurity A	VL760013	136470-79-6
Abacavir Impurities	Abacavir EP Impurity E	VL760014	208762-35-0
Abacavir Impurities	Abacavir Impurity 4	VL760015	N/A
Abacavir Impurities	Abacavir Impurity 5	VL760016	N/A
Abacavir Impurities	Abacavir Impurity 6	VL760017	N/A
Abacavir Impurities	Abacavir N-Oxide Impurity	VL760010	1443421-70-2
Abacavir Impurities	Abacavir-5'-glucuronide	VL760019	384329-76-4
Abacavir Impurities	Abacavir 5'-Phosphate	VL760020	136470-77-4
Abacavir Impurities	Abacavir Carboxylate	VL760021	384380-52-3
Abacavir Impurities	Abacavir Related Compound B	VL760025	141271-12-7
Abacavir Impurities	Decitabine Urea Impurity	VL760027	570410-72-9
Abacavir Impurities	Abacavir Related Compound C	VL760026	172015-79-1
Abacavir Impurities	Prucalopride-N-Galactopyranoside	VL760028	N/A
Abacavir Impurities	Avermectin B1a Monosaccharide	VL4970010	71831-09-9
Abacavir Impurities	Nitroso Abacavir Impurity	VE006520	N/A
Abamectin Impurities	Abamectin Mixture of Isomers	VL4970001	71751-41-2
Abamectin Impurities	Delta-2-Avermectin B1b	VL4970003	N/A
Abamectin Impurities	Ivermectin EP Impurity A (Avermectin B1a) (Abamectin B1a)	VL4970005	N/A
Abamectin Impurities	22,23-dihydroavermectin B1b	VL4970006	N/A
Abamectin Impurities	Abamectin B1b	VL4970007	N/A
Abamectin Impurities	8a-Oxo Avermectin B1a	VL4970008	102190-68-1
Abamectin Impurities	Avermectin B1a Aglycone	VL4970009	71828-14-3
Abamectin Impurities	Delta-2-Avermectin B1a	VL4970011	110415-68-4
Abemaciclib Impurities	Abemaciclib Mesylate	VL499001	1231930-82-7
Abietic Acid Impurities	Abietic Acid	VL5000001	514-10-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Abietic Acid Impurities	Dehydroabietic Acid	VL5000002	1740-19-8
Abietic Acid Impurities	14-Chlorodehydroabietic Acid	VL5000003	65281-76-7
Abietic Acid Impurities	Dichlorodehydroabietic Acid	VL5000004	57055-39-7
Abiraterone Impurities	Abiraterone N-Oxide Impurity	VL830002	N/A
Abiraterone Impurities	16-Dehydro Pregnenolone Acetate (DHPG Acetate)	VL830004	979-02-2
Abiraterone Impurities	16-Dehydro Pregnenolone Acetate Oxime (DHPG Oxime Acetate)	VL830003	2174-13-2
Abiraterone Impurities	7 Keto Abiraterone Acetate	VL830001	N/A
Abiraterone Impurities	Abiraterone Related Compound 2 (Prasterone Triflate)	VL830009	124643-35-2
Abiraterone Impurities	Abiraterone Related Compound 6	VL830023	N/A
Abiraterone Impurities	Abiraterone Related Compound 7	VL830025	186826-68-6
Abiraterone Impurities	Abiraterone Related Compound 9	VL830026	154229-26-2
Abiraterone Impurities	Abiraterone Related Compound 8	VL830027	N/A
Abiraterone Impurities	Abiraterone Succinate	VL830029	N/A
Abiraterone Impurities	Abiraterone Dimer Impurity	VL830012	2484719-09-5
Abiraterone Impurities	Abiraterone Related Compound 4	VL830010	115375-60-5
Abiraterone Impurities	Abiraterone Acetate Diastereomer	VL830014	N/A
Abiraterone Impurities	Anhydro Abiraterone	VL830016	154229-20-6
Abiraterone Impurities	Abiraterone Ethyl Ether Impurity	VL830020	N/A
Abiraterone Impurities	Abiraterone Sulfate Sodium Salt	VL830037	1993430-25-3
Abiraterone Impurities	Abiraterone Isopropyl Ether	VL830021	2484719-15-3
Abiraterone Impurities	Abiraterone Related Compound 5	VL830011	N/A
Abiraterone Impurities	Abiraterone Acetate-5,6-Epoxyde	VL830024	N/A
Abiraterone Impurities	3-Deoxy 3-Chloro Abiraterone	VL830022	N/A
Abiraterone Impurities	Abiraterone Epoxyde Impurity	VL830017	N/A
Abiraterone Impurities	Abiraterone-5,6-Epoxyde	VL830013	N/A
Abiraterone Impurities	O-Chlorobutylabiraterone	VL830019	2484719-17-5
Abiraterone Impurities	Abiraterone	VL830015	154229-19-3
Abiraterone Impurities	Abiraterone Mesylate	VL830040	N/A
Abiraterone Impurities	Abiraterone Acetate N-Oxide	VL830049	N/A
Abiraterone Impurities	Abiraterone Tosylate Impurity	VL830050	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Abiraterone Impurities	Dehydroepiandrosterone Sulfate Sodium Salt	VL830044	651-48-9
Abiraterone Impurities	Abiraterone-beta-D-Glucuronide	VL830048	N/A
Abiraterone Impurities	Alpha-epoxyabiraterone acetate	VE006953	2484719-11-9
Abiraterone Impurities	Beta-epoxyabiraterone acetate	VE006954	2484719-26-6
Abiraterone Impurities	3-Deoxy-3-acetyl abiraterone-3-ene	VE006955	N/A
Abrocitinib Impurities	Abrocitinib Related Compound 3	VL5020004	N/A
Abrocitinib Impurities	Abrocitinib Related Compound 2	VL5020003	N/A
Abrocitinib Impurities	Abrocitinib Related Compound 1	VL5020002	1353501-22-0
Abscisic Acid Impurities	Abscisic Acid	VL5030001	21293-29-8
Absinthin Impurities	Absinthin	VL5040001	1362-42-1
Acalabrutinib Impurities	Acalabrutinib Impurity 1	VL5060003	2230757-47-6
Acalabrutinib Impurities	Acalabrutinib Impurity 11	VE007042	2490433-97-9
Acamprosate Impurities	Acamprosate EP Impurity A	VL4720001	3687-18-1
Acamprosate Impurities	Acamprosate Impurity 1 Calcium Salt	VL4720006	233591-26-9
Acamprosate Impurities	Acamprosate Calcium	VL4720007	77337-73-6
Acamprosate Impurities	Acamprosate Impurity 1 Potassium Salt	VL4720008	741659-31-4
Acamprosate Impurities	N-Acetylhomotaurine	VL4720003	N/A
Acarbose Impurities	Acarbose EP Impurity A	VL5070002	1013621-79-8
Acarbose Impurities	Acarbose EP Impurity D	VL5070005	N/A
Acarbose Impurities	Acarbose EP Impurity F	VL5070007	N/A
Acarbose Impurities	Acarbose EP Impurity C	VL5070004	N/A
Acarbose Impurities	Acarbose EP Impurity E	VL5070006	1220983-28-7
Acarbose Impurities	Acarbose EP Impurity B	VL5070003	N/A
Acarbose Impurities	Acarbose EP Impurity H	VL5070008	N/A
Acebutolol Impurities	Acebutolol EP Impurity A	VL4900001	28197-66-2
Acebutolol Impurities	Acebutolol EP Impurity J	VL4900012	57898-79-0
Acebutolol Impurities	Acebutolol EP Impurity D	VL4900005	57898-80-3
Acebutolol Impurities	Acebutolol EP Impurity H	VL4900009	1329613-31-1
Acebutolol Impurities	Acebutolol EP Impurity C	VL4900003	40188-45-2
Acebutolol Impurities	Acebutolol EP Impurity F	VL4900007	96480-91-0
Acebutolol Impurities	Acebutolol EP Impurity G	VL4900008	1330165-98-4
Acebutolol Impurities	Acebutolol EP Impurity E	VL4900006	1432053-72-9
Acebutolol Impurities	Acebutolol EP Impurity I	VL4900010	441019-91-6
Acebutolol Impurities	Acebutolol EP Impurity B	VL4900004	73899-76-0
Acebutolol Impurities	Acebutolol HCl	VL4900013	34381-68-5
Acebutolol Impurities	Acebutolol	VL4900002	37517-30-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Acebutolol Impurities	Acebutolol EP Impurity K	VL4900011	57898-71-2
Aceclofenac Impurities	Aceclofenac EP Impurity E	VL284003	139272-67-6
Aceclofenac Impurities	Aceclofenac EP Impurity D	VL284002	139272-66-5
Aceclofenac Impurities	Aceclofenac EP Impurity F	VL284001	100499-89-6
Aceclofenac Impurities	Aceclofenac EP Impurity G	VL284009	1215709-75-3
Aceclofenac Impurities	Aceclofenac EP Impurity H	VL284008	1216495-92-9
Aceclofenac Impurities	Aceclofenac EP Impurity C	VL284006	15307-77-4
Aceclofenac Impurities	Aceclofenac EP Impurity A	VL284007	15307-86-5
Aceclofenac Impurities	Aceclofenac EP Impurity B	VL284005	15307-78-5
Aceclofenac Impurities	Aceclofenac Tert Butyl Ester	VL284010	139272-68-7
Aceclofenac Impurities	4'-Hydroxy Aceclofenac	VL284012	229308-90-1
Aceclofenac Impurities	Aceclofenac	VL284011	N/A
Acedoben Impurities	Acedoben Acyl Glucuronide	VL5080003	34220-56-9
Acemetacin Impurities	Acemetacin-Acyl-β-D-Glucuronide	VL5090001	1260603-31-3
Acemetacin Impurities	Acemetacin Impurity 3	VL5090002	2882-15-7
Acemetacin Impurities	Acemetacin Impurity 4	VL5090003	N/A
Acemetacin Impurities	Acemetacin Impurity 5	VL5090004	N/A
Acemetacin Impurities	Acemetacin Impurity 6	VL5090005	N/A
Acemetacin Impurities	Acemetacin Impurity 2	VL5090013	N/A
Acemetacin Impurities	Acemetacin EP Impurity C	VL5090008	N/A
Acemetacin Impurities	Acemetacin EP Impurity D	VL5090009	76812-64-1
Acemetacin Impurities	Acemetacin EP Impurity E	VL5090010	75302-98-6
Acemetacin Impurities	Acemetacin EP Impurity F	VL5090011	76812-49-2
Acemetacin Impurities	Acemetacin	VL5090006	53164-05-9
Acenaphthene Impurities	Perhydroacenaphthene	VL5100001	2146-36-3
Acenocoumarol Impurities	Acenocoumarol 4-Hydroxy Coumarin	VL2320001, VL910005	1076-38-6
Acenocoumarol Impurities	Acenocoumarol 4-nitrobenzalacetone	VL2320002	3490-37-7
Acenocoumarol Impurities	Acenocoumarol 4-nitrobenzaldehyde	VL2320003	555-16-8
Acenocoumarol Impurities	Acenocoumarol (R)-Isomer	VL2320005	66556-77-2
Acenocoumarol Impurities	Acenocoumarol (S)-Isomer	VL2320006	66556-78-3
Acenocoumarol Impurities	Acenocoumarol 6-Hydroxy Impurity	VL2320007	64180-13-8
Acenocoumarol Impurities	Acenocoumarol 7-Hydroxy Impurity	VL2320008	64180-12-7
Acepromazine Impurities	Acepromazine Maleate	VL5110001	3598-37-6
Acesulfame Impurities	Acesulfame Potassium Impurity A	VL3340001	5977-14-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Acesulfame Impurities	Acesulfame Potassium Impurity B	VL3340003	72827-08-8
Acetal Impurities	Acetal (Acetaldehyde Diethyl Acetal)	VL5120001	105-57-7
Acetal Impurities	Benzaldehyde Dibenzyl Acetal	VL5120002	5784-65-6
Acetal Impurities	Benzaldehyde Benzyl Methyl Acetal (BBMA)	VL5120003	2238-11-1
Acetaldehyde Impurities	Dibromo-Acetaldehyde	VL5130001	3039-13-2
Acetaldehyde Impurities	Dichloroacetaldehyde Dimethyl Acetal	VL5130003	80944-06-5
Acetaldehyde Impurities	3-Oxododecanal (Decanoyl acetaldehyde)	VL5130004	56505-80-7
Acetamide Impurities	Acetamide	VL2080002	60-35-5
Acetamide Impurities	Thioacetamide	VL2080003	62-55-5
Acetamide Impurities	2 Acetamido N Benzyl 2 Methylacetamide	VL2080004	93782-09-3
Acetamide Impurities	2-Phenylacetamide	VL2080005	103-81-1
Acetamide Impurities	n Octanamide	VL2080006	629-01-6
Acetamide Impurities	N 3 bromo 4 oxocyclohexyl Acetamide	VL2080007	687639-03-8
Acetamide Impurities	cis N 4 hydroxycyclohexyl Acetamide	VL2080008	27489-61-8
Acetamide Impurities	2 Chloro 1 naphthyl Acetamide	VL2080009	N/A
Acetamide Impurities	2 Methyl 1 naphthyl Acetamide	VL2080010	85-07-4
Acetamide Impurities	N N Diethyl 2 Hydroxyacetamide	VL2080011	39096-01-0
Acetamide Impurities	N Benzylchloroacetamide	VL2080013	2564-9-6
Acetamide Impurities	N p Tosyl Acetamide	VL2080014	1888-33-1
Acetamide Impurities	Trifluoroacetamide	VL2080015	354-38-1
Acetamide Impurities	N 4 Amino 3 pyridinyl acetamide HCl	VL2080016	676464-96-3
Acetamide Impurities	N 4 Amino 3 pyridinyl acetamide d3 HCl	VL2080017	N/A
Acetamidine Impurities	Acetamidine HCl	VL2080018	124-42-5
Acetaminophen Impurities	Acetaminophen Dimer 1 Impurity	VL3290001	98966-14-4
Acetaminophen Impurities	Acetaminophen EP Impurity B	VL3290003	1693-37-4
Acetaminophen Impurities	Acetaminophen Impurity F	VL3290010	N/A
Acetaminophen Impurities	Acetaminophen Impurity K HCl	VL3290011	51-78-5
Acetaminophen Impurities	3 Cysteinyl Acetaminophen HCl	VL3290017	53446-10-9
Acetaminophen Impurities	Paracetamol EP Impurity N	VL3290021	3070-86-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Acetaminophen Impurities	Acetaminophen Sulphate Potassium Salt	VL3290024	32113-41-0
Acetaminophen Impurities	Paracetamol EP Impurity L	VL3290027	N/A
Acetaminophen Impurities	Paracetamol EP Impurity M HCl	VL3290029	1965310-24-0
Acetaminophen Impurities	3 Hydroxyacetaminophen	VL3290030	N/A
Acetaminophen Impurities	Acetaminophen Mercapturate	VL3290032	52372-86-8
Acetamidiprid Impurities	Acetamidiprid	VL5210001	135410-20-7
Acetazolamide Impurities	Acetazolamide EP Impurity A	VL11001	60320-32-3
Acetazolamide Impurities	Acetazolamide EP Impurity B	VL11003	5393-55-5
Acetazolamide Impurities	Acetazolamide EP Impurity C	VL11004	32873-56-6
Acetazolamide Impurities	Acetazolamide EP Impurity E	VL11002	827026-60-8
Acetazolamide Impurities	Acetazolamide EP Impurity G	VL11006	2349-67-9
Acetazolamide Impurities	Acetazolamide Disulphide Impurity	VL11008	99055-56-8
Acetazolamide Impurities	2-tert-Butyl-5-methylamino-1,3,4-thiadiazole	VL11011	50608-12-3
Acetazolamide Impurities	Acetazolamide EP Impurity D (HCl salt)	VL11005	120208-98-2
Acetazolamide Impurities	Acetazolamide EP Impurity F	VL11007	80495-47-2
Acetazolamide Impurities	Acetazolamide EP Impurity D (Free Base)	VE006733	14949-00-9
Acetazolamide Impurities	Acetazolamide Sulfonylchloride Impurity	VE006734	32873-57-7
Acetic Acid Impurities	Diphenylacetic Acid	VL5220001	117-34-0
Acetic Acid Impurities	2-Chlorophenylacetic Acid	VL5220002	2444-36-2
Acetic Acid Impurities	(2S)-Amino-2-(1-methylcyclopropyl)acetic acid	VL5220003	78213-60-2
Acetic Acid Impurities	(2S)-Amino-2-[3-(trifluoromethyl)bicyclo[1.1.1]pentan-1-yl]acetic acid	VL5220004	914082-74-9
Acetic Acid Impurities	Diethylacetic Acid	VL5220005	88-09-5
Acetic Acid Impurities	Sodium Acetate	VL5220006	127-09-3
Acetic Acid Impurities	Acetic Acid	VL5220008	64-19-7
Acetic Acid Impurities	Chloroacetyl Chloride	VL5220009	79-04-9
Acetic Acid Impurities	Methyl Chloroacetate	VL5220011	96-34-4
Acetophenone Impurities	P-Methoxy Acetophenone	VL1230001	100-06-1
Acetylcysteine Impurities	Acetylcysteine EP Impurity A	VL1350001	56-89-3
Acetylcysteine Impurities	Acetylcysteine EP Impurity B	VE005991	52-90-4
Acetylcysteine Impurities	Acetylcysteine EP Impurity C	VL1350003	5545-17-5
Acetylcysteine Impurities	Acetylcysteine EP Impurity D	VL1350004	18725-37-6
Acetylcysteine Impurities	N acetyl L cysteine	VL1350005	616-91-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Acyclovir Impurities	Acyclovir EP Impurity G	VL13011	75128-73-3
Acyclovir Impurities	Acyclovir EP Impurity J	VL13004	166762-90-9
Acyclovir Impurities	Acyclovir EP Impurity C	VL13006	91702-61-3
Acyclovir Impurities	Acyclovir EP Impurity K	VL13005	1797131-64-6
Acyclovir Impurities	Acyclovir EP Impurity B	VL13014	73-40-5
Acyclovir Impurities	Acyclovir EP Impurity I	VL13020	1797832-75-7
Acyclovir Impurities	Acyclovir EP Impurity P	VL13012	23169-33-7
Acyclovir Impurities	Acyclovir EP Impurity F	VL13007	110104-37-5
Acyclovir Impurities	Acyclovir EP Impurity A	VL13001	102728-64-3
Acyclovir Impurities	Acyclovir EP Impurity M	VL13016	91702-60-2
Acyclovir Impurities	Acyclovir EP Impurity O	VL13017	2190509-40-9
Acyclovir Impurities	Acyclovir EP Impurity R	VL13018	N/A
Acyclovir Impurities	Acyclovir EP Impurity N	VL13019	N/A
Acyclovir Impurities	Acyclovir EP Impurity D	VL13021	59277-91-7
Acyclovir Impurities	Acyclovir EP Impurity H	VL13022	133186-23-9
Acyclovir Impurities	Acyclovir EP Impurity Q	VL13023	N/A
Acyclovir Impurities	Acyclovir EP Impurity E	VL13024	374697-95-7
Acyclovir Impurities	Acyclovir Impurity 2	VL13025	19962-37-9
Acyclovir Impurities	Acyclovir EP Impurity L	VL13013	3056-33-5
Adamantane Impurities	Adamantane EP Impurity B	VL180012	880-52-4
Adamantane Impurities	1 1 Adamantyl ethylamine HCl	VL5390016	1501-84-4
Adamantane Impurities	1 3 5 Tribromo Adamantane	VL5390017	707-34-6
Adapalene Impurities	Adapalene EP Impurity A	VL3420001	932033-58-4
Adapalene Impurities	Adapalene EP Impurity B	VL3420003	1346599-76-5
Adapalene Impurities	Adapalene EP Impurity C	VL3420004	43109-77-9
Adapalene Impurities	Adapalene EP Impurity D	VL3420002	932033-57-3
Adapalene Impurities	Adapalene BAD-I (2-(1-Adamantyl)-4-bromoanisole)	VL3420005	104224-63-7
Adapalene Impurities	O Desmethyl Adapalene	VL3420011	125316-60-1
Adapalene Impurities	Adapalene Methyl Ester	VL3420012	106685-41-0
Adapalene Impurities	2 Hydroxy Adapalene Methyl Ester	VL3420013	N/A
Adapalene Impurities	Adapalene Acyl Glucuronide	VL3420014	N/A
Adapalene Impurities	3 Hydroxy Adapalene Methyl Ester	VL3420016	N/A
Adapalene Impurities	Adapalene 2 Methoxyphenyl Impurity	VL3420017	N/A
Adapalene Impurities	Adapalene 5 Bromo 2 Methoxyphenyl Methyl Ester	VL3420019	N/A
Adefovir Impurities	Adefovir Monopivoxil	VL5400023	142341-05-7
Adiphenine Impurities	Adiphenine HCl	VL5430001	50-42-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Adiphenine Impurities	Adiphenine HCl Impurity 1	VL5430002	1871-76-7
Adipic Acid Impurities	Adipic Acid Impurity 1	VL5440002	1700-12-5
Adrenochrome impurities	Adrenochrome Impurity 1	VL5460002	5818-84-8
Adrenochrome impurities	Adrenochrome Impurity 2	VL5460003	87708-46-1
Aesculuside B Impurities	Aesculuside B Desacylescic I	VL5490001	26339-92-4
Afacifenacin Impurities	R Afacifenacin	VL5500001	N/A
Afatinib Impurities	Afatinib Impurity 6	VL5510018	N/A
Afatinib Impurities	Afatinib N-Oxide Impurity	VL5510023	N/A
Afatinib Impurities	Afatinib Impurity K	VL5510024	N/A
Afatinib Impurities	Afatinib Amino Pyrrolidinone Impurity	VL5510060	N/A
Afatinib Impurities	Afatinib Impurity A	VL5510004	N/A
Afatinib Impurities	Afatinib Impurity B	VL5510005	314771-76-1
Afatinib Impurities	Afatinib Impurity C	VL5510006	945553-91-3
Afatinib Impurities	Afatinib Impurity D	VL5510007	N/A
Afatinib Impurities	Afatinib Impurity E	VL5510008	N/A
Afatinib Impurities	Afatinib Impurity F	VL5510009	N/A
Afatinib Impurities	Afatinib Impurity G	VL5510010	N/A
Afatinib Impurities	Afatinib Impurity H	VL5510011	N/A
Afatinib Impurities	Afatinib Impurity I	VL5510012	N/A
Afatinib Impurities	Afatinib Impurity J	VL5510013	1456696-14-2
Aflatoxin impurities	Aflatoxin M2	VL5520001	6885-57-0
Aflatoxin impurities	Aflatoxin B1	VL5520002	1162-65-8
Aflatoxin impurities	Aflatoxin B2	VL5520003	7220-81-7
Aglepristone Impurities	Aglepristone Impurities	VL5580001	124478-60-0
Agomelatine Impurities	Agomelatine Impurity 2	VL1840001	178677-39-9
Agomelatine Impurities	Agomelatine Diacetyl Impurity	VL1840003	1379005-34-1
Agomelatine Impurities	Agomelatine Impurity 1	VL1840004	1352139-51-5
Agomelatine Impurities	Agomelatine 3 Hydroxy Impurity	VL1840005	166526-99-4
Agomelatine Impurities	Agomelatine Dimer Acetamide	VL1840007	1385018-58-5
Agomelatine Impurities	Agomelatine Dimer Urea	VL1840008	185421-27-6
Agomelatine Impurities	Agomelatine Desmethyl Impurity	VL1840009	152302-45-9
Agomelatine Impurities	Agomelatine Desmethyl 3 Hydroxy Impurity	VL1840010	166527-00-0
Agomelatine Impurities	Agomelatine Desacetyl Impurity	VL1840012	139525-77-2
Agomelatine Impurities	Agomelatine Amide Impurity	VL1840013	138113-07-2
Albendazole Impurities	Albendazole EP Impurity A	VL960001	80983-36-4
Albendazole Impurities	Albendazole EP Impurity C	VL960003	75184-71-3
Albendazole Impurities	Albendazole EP Impurity E	VL960005	10605-21-7
Albendazole Impurities	Albendazole EP Impurity F	VL960006	80983-45-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Albendazole Impurities	Albendazole EP Impurity B	VL960002	54029-12-8
Albendazole Impurities	Albendazole EP Impurity D	VL960004	80983-34-2
Albendazole Impurities	Albendazole EP Impurity K	VL960010	70484-51-4
Albendazole Impurities	Albendazole EP Impurity L	VL960011	108579-67-5
Albendazole Impurities	Albendazole EP Impurity I	VL960012	20559-55-1
Albendazole Impurities	Albendazole EP Impurity J	VL960013	946498-41-5
Albendazole Impurities	Albendazole Impurity G	VL960014	20367-38-8
Albendazole Impurities	Albendazole Impurity 4	VL960017	88-74-4
Albendazole Impurities	Albendazole Impurity 6	VL960016	156-62-7
Albendazole Impurities	4-(Propylthio)-1,2-benzenediamine	VE006735	66608-52-4
Albendazole Impurities	5-(Propylthio)-1H-benzo[d]imidazole	VE006736	N/A
Albendazole Impurities	2-Nitro-4-thiocyanato Aniline	VE006737	54029-45-7
Albendazole Impurities	Cyanamide (free base)	VE006738	420-04-2
Albendazole Impurities	Methylcyanocarbamate	VE006739	21729-98-6
Albendazole Impurities	4-Nitroaniline	VE006740	100-01-6
Albendazole Impurities	Albendazole Mercapto Analog	VE006741	79213-76-6
Albendazole Impurities	2-Nitro-4-(propylthio)aniline	VE006742	54393-89-4
Alfuzosin Impurities	Alfuzosin Hydrochloride	VL259001	81403-68-1
Alfuzosin Impurities	Alfuzosin EP Impurity A (HCl salt)	VL259002	98902-29-5
Alfuzosin Impurities	Alfuzosin EP Impurity D	VL259003	81403-69-2
Alfuzosin Impurities	Alfuzosin EP Impurity E	VL259004	1026411-59-5
Alfuzosin Impurities	Alfuzosin EP Impurity F	VL259005	19216-53-6
Alfuzosin Impurities	Alfuzosin EP Impurity G	VL259010	928780-95-4
Alfuzosin Impurities	Alfuzosin EP Impurity B	VL259008	23680-84-4
Alfuzosin Impurities	Alfuzosin EP Impurity C	VL259009	72104-34-8
Alfuzosin Impurities	Alfuzosin EP Impurity D (Free Base)	VE006695	76362-29-3
Alfuzosin Impurities	Alfuzosin EP Impurity A (Free Base)	VE006693	98902-36-4
Alfuzosin Impurities	Alfuzosin EP Impurity C (Free Base)	VE006699	98902-34-2
Allopurinol Impurities	Allopurinol EP Impurity F	VL1430001	321571-07-7
Allopurinol Impurities	Allopurinol EP Impurity C	VL1430003	1346604-13-4
Allopurinol Impurities	Allopurinol EP Impurity A	VL1430006	27511-79-1
Allopurinol Impurities	Allopurinol EP Impurity D	VL1430005	6994-25-8
Allopurinol Impurities	Allopurinol EP Impurity E	VL1430004	31055-19-3
Allopurinol Impurities	Allopurinol EP Impurity A(Free base)	VE006743	5334-31-6
Allura Red AC Impurities	Allura Red AC Disodium Salt	VL5840002	25956-17-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Allylamine Impurities	Allylamine HCl	VL5850001	10017-11-5
Allylamine Impurities	Polyallylamine Hydrochloride	VL5850002	71550-12-4
Allylestrenol Impurities	Allylestrenol Impurity A	VL5860002	3646-28-4
Allylestrenol Impurities	Allylestrenol Impurity B	VL5860003	N/A
Almotriptan Impurities	Almotriptan Related Compound A	VL264001	1018676-02-2
Almotriptan Impurities	Almotriptan Related Compound B	VL264002	181178-24-5
Almotriptan Impurities	Almotriptan Related Compound C	VL264003	334981-12-3
Almotriptan Impurities	Almotriptan Related Compound D	VL264004	N/A
Almotriptan Impurities	Spiro Almotriptan	VL264011	N/A
Alosetron Impurities	Alosetron HCL Impurity D	VL1730001	N/A
Alosetron Impurities	Alosetron 6-Hydroxy Impurity	VL1730002	128486-89-5
Alosetron Impurities	Alosetron 7-Hydroxy Impurity	VL1730014	863485-44-3
Alosetron Impurities	Alosetron N-Desmethyl Impurity	VL1730010	122852-63-5
Alprazolam Impurities	Alprazolam Related Compound A	VL4410001	28910-89-6
Alprazolam Impurities	Alprazolam Lactose Adduct Impurity	VE006903	N/A
Amantadine Impurities	Amantadine Impurity 2	VL2290001	702-77-2
Amantadine Impurities	Amantadine Impurity 3	VL2290002	878-61-5
Amantadine Impurities	Amantadine EP Impurity A	VL2290007	935-56-8
Ambroxol Impurities	Ambroxol EP Impurity A	VL219001	50739-76-9
Ambroxol Impurities	Ambroxol EP Impurity B	VL219002	18683-95-9
Ambroxol Impurities	Ambroxol EP Impurity C	VL219003	50910-53-7
Ambroxol Impurities	Ambroxol EP Impurity D	VL219004	1384955-66-4
Ambroxol Impurities	Ambroxol EP Impurity E	VL219005	N/A
Ambroxol Impurities	Ambroxol HCl Impurity	VL219007	23828-92-4
Ambroxol Impurities	Ambroxol Acid	VL219021	609-85-8
Ambroxol Impurities	Acebrophylline	VE006744	96989-76-3 ; 179118-73-1
Ambroxol Impurities	Ambroxol EP Impurity B (HCl salt)	VE006745	15942-08-2
Ambroxol Impurities	Ambroxol Monobromo Impurity	VE006746	101900-43-0
Ambroxol Impurities	Ambroxol Didesbromo Impurity	VE006747	46727-91-7
Ambroxol Impurities	Ambroxol Quinazoline Impurity	VE006748	1797894-71-3
Ambroxol Impurities	4-(2-Amino-3,5-dibromobenzylamino)cyclohexanone	VE006751	1445719-53-8
Ambroxol Impurities	Ambroxol Cycloimine	VE006749	2088879-81-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Ambroxol Impurities	Ambroxol Impurity 1	VE006750	2250242-11-4
Ambroxol Impurities	(1S,4S)-4-(2-Aminobenzylamino)cyclohexanol	VE006752	199472-91-8
Ambroxol Impurities	2-Amino-N-((1R,4R)-4-hydroxycyclohexyl)benzamide	VE006753	15942-11-7
Ambroxol Impurities	trans-4-Aminocyclohexanol Hydrochloride	VE006755	50910-54-8
Ambroxol Impurities	trans-4-Aminocyclohexanol	VE006754	27489-62-9
Amiloride Impurities	Amiloride EP Impurity B	VL4630002	4878-36-8
Amiloride Impurities	Amiloride EP Impurity C	VL4630006	N/A
Amiloride Impurities	Amiloride EP Impurity A	VL4630001	1458-01-1
Amiloride Impurities	Amiloride 5-Desamino Impurity	VL4630011	1203-87-8
Aminocaproic Acid Impurities	Aminocaproic Acid Trimmer Impurity	VL2710002	5776-78-3
Aminocaproic Acid Impurities	Aminocaproic acid Dimmer Impurity	VL2710001	2014-58-6
Aminocaproic Acid Impurities	Aminocaproic acid Caprolactum Impurity	VL2710003	105-60-2
Amiodarone Impurities	Amiodarone EP Impurity A	VL1390001	23551-25-9
Amiodarone Impurities	Amiodarone EP Impurity B	VL1390002	96027-74-6
Amiodarone Impurities	Amiodarone EP Impurity C	VE006467	85642-08-6
Amiodarone Impurities	Amiodarone EP Impurity D	VL1390005	1951-26-4
Amiodarone Impurities	Amiodarone EP Impurity F	VL1390004	147030-50-0
Amiodarone Impurities	Amiodarone EP Impurity E	VL1390006	52490-15-0
Amiodarone Impurities	Amiodarone EP Impurity G	VL1390007	1087223-70-8
Amiodarone Impurities	Amiodarone EP Impurity H	VL1390008	869-24-9
Amiodarone Impurities	Amiodarone EP Impurity C (HCl salt)	VL1390003	1397201-93-2
Amiodarone Impurities	Amiodarone EP Impurity A (HCl salt)	VE006504	95820-13-6
Amiodarone Impurities	Amiodarone Didesethyl Impurity	VL1390015	94317-95-0
Amiodarone Impurities	Amiodarone N-Oxide Impurity	VL1390012	318267-30-0
Amiodarone Impurities	Amiodarone Methoxy Impurity	VL1390011	83790-87-8
Amiodarone Impurities	Amiodarone Didesethyl Impurity (HCl salt)	VE006756	757220-04-5
Amiodarone Impurities	Amiodarone Related Compound 1	VE006758	N/A
Amitriptyline Impurities	Amitriptyline EP Impurity A	VL6350007	1210-35-1
Amitriptyline Impurities	Amitriptyline EP Impurity B (HCl salt)	VL6350009	6202-23-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Amitriptyline Impurities	Amitriptyline EP Impurity C	VL6350005	894-71-3
Amitriptyline Impurities	Amitriptyline EP Impurity D	VL6350008	1159-03-1
Amitriptyline Impurities	Amitriptyline EP Impurity E	VL6350002	26360-28-1
Amitriptyline Impurities	Amitriptyline EP Impurity F	VL6350014	1159-82-6
Amitriptyline Impurities	Amitriptyline EP Impurity G	VL6350004	1210-34-0
Amitriptyline Impurities	Amitriptyline N-Oxide Impurity	VL6350011	4317-14-0
Amlodipine Impurities	Amlodipine EP Impurity B	VL19002	721958-72-1
Amlodipine Impurities	Amlodipine EP Impurity D	VL19023	113994-41-5
Amlodipine Impurities	Amlodipine EP Impurity F	VL19006	N/A
Amlodipine Impurities	Amlodipine EP Impurity H	VL19007	318465-73-5
Amlodipine Impurities	Amlodipine EP Impurity E	VL19005	140171-65-9
Amlodipine Impurities	Amlodipine EP Impurity G	VL19003	43067-01-2
Amlodipine Impurities	Amlodipine Impurity 18	VL19009	1821498-25-2
Amlodipine Impurities	Amlodipine EP Impurity A	VL19004	88150-62-3
Amlodipine Impurities	Amlodipine Impurity 6	VL19019	3891-07-4
Amlodipine Impurities	Amlodipine Impurity 20	VL19018	70677-78-0
Amlodipine Impurities	Amlodipine Impurity 22	VL19016	93848-82-9
Amlodipine Impurities	Amlodipine Impurity 24	VL19017	34148-67-9
Amlodipine Impurities	Amlodipine EP Impurity C	VL19030	721958-74-3
Amlodipine Impurities	Amlodipine Aspartic Acid Impurity	VL19025	400602-35-9
Amlodipine Impurities	Amlodipine EP impurity D (Basylate salt)	VL19001	N/A
Amlodipine Impurities	Amlodipine EP Impurity D (oxalate salt)	VL19015	1216406-90-4
Amlodipine Impurities	Amlodipine EP Impurity D (mesylate salt)	VE006056	N/A
Amlodipine Impurities	Amlodipine Di-Phthalimide Impurity	VL19035	223734-98-3
Amlodipine Impurities	Amlodipine Lactose adduct	VL19020	2173291-00-2
Amlodipine Impurities	Amlodipine EP Impurity E (oxalate salt)	VE006552	N/A
Amlodipine Impurities	Amlodipine Deschloro Impurity	VL19012	88150-52-1
Amlodipine Impurities	Amlodipine EP Impurity E (maleate salt)	VE006591	400024-12-6
Amlodipine Impurities	Amlodipine Methyl Ester Analogue	VL19011	N/A
Amlodipine Impurities	Amlodipine Azido Impurity	VL19051	88150-46-3
Amlodipine Impurities	Amlodipine Mannitol Adduct	VE006726	N/A
Amlodipine Impurities	Ethyl 4-(2-(1,3-dioxisoindolin-2-yl)ethoxy)-3-oxobutanoate	VE006762	88150-75-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Amlodipine Impurities	Amlodipine (S)-Isomer	VE006759	103129-82-4
Amlodipine Impurities	Amlodipine Impurity 5	VE006760	89-98-5
Amlodipine Impurities	Amlodipine Impurity 9	VE006763	140171-50-2
Amlodipine Impurities	Methyl 4-(2-(1,3-dioxisoindolin-2-yl)ethoxy)-3-oxobutanoate	VE006764	111429-90-4
Amlodipine Impurities	N,N'-Dimethylphthalamide	VE006761	19532-98-0
Amlodipine Impurities	Diethyl Amlodipine besylate salt Impurity	VE006765	N/A
Amoxicillin Impurities	Amoxicillin EP Impurity A	VL1970001	551-16-6
Amoxicillin Impurities	Amoxicillin EP Impurity B	VL1970003	26889-93-0
Amoxicillin Impurities	Amoxicillin EP Impurity C	VL1970004	94659-47-9
Amoxicillin Impurities	Amoxicillin EP Impurity D	VL1970002	68728-47-2
Amoxicillin Impurities	Amoxicillin EP Impurity F	VL1970006	126247-63-0
Amoxicillin Impurities	Amoxicillin EP Impurity G	VL1970007	188112-75-6
Amoxicillin Impurities	Amoxicillin EP Impurity H	VL1970008	205826-86-4
Amoxicillin Impurities	Amoxicillin EP Impurity I	VL1970009	22818-40-2
Amoxicillin Impurities	Amoxicillin EP Impurity J	VL1970010	73590-06-4
Amoxicillin Impurities	Amoxicillin EP Impurity E	VL1970005	1356020-01-3
Amoxicillin Impurities	Amoxicillin EP Impurity L	VL1970011	1789703-32-7
Amoxicillin Impurities	Amoxicillin Related Compound D & E Mixture	VL1970012	N/A
Amoxicillin Impurities	Amoxicillin Beta-penicilloic acid	VL1970013	N/A
Amoxicillin Impurities	Amoxicillin Trimer Impurity	VL1970019	94703-34-1
Amoxicillin Impurities	Amoxicillin Acetamide Impurity	VL1970021	54397-23-8
Amoxicillin Impurities	Amoxicillin EP Impurity D(acid)	VE006766	1642629-94-4
Amoxicillin Impurities	Amoxicillin Related Compound 1 (HCl salt)	VE006768	127369-30-6
Amoxicillin Impurities	Amoxicillin Related Compound 2	VE006769	6324-01-2
Amoxicillin Impurities	Amoxicillin Related Compound 1 (free base)	VE006767	26531-82-8
Amoxicillin Impurities	N-Pivaloyl Amoxicillin	VE006770	1313237-94-3
Amphotericin Impurities	Amphotericin Impurity B	VL3210001	N/A
Anagrelide Impurities	Anagrelide Open ring methyl ester	VL2810004	752151-24-9
Anagrelide Impurities	Anagrelide Related Compound C	VL2810003	70381-75-8
Anagrelide Impurities	Anagrelide Related compound A	VL2810001	85325-12-8
Anagrelide Impurities	Anagrelide Related Compound B	VL2810002	1159977-03-3
Anagrelide Impurities	Anagrelide Trichlor Derivative	VL2810005	1092352-99-2
Anagrelide Impurities	Anagrelide 7 Dechloro Impurity	VL2810010	61834-95-5
Anagrelide Impurities	Anagrelide 5-Acetoxy Impurity	VL2810009	1076198-71-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Anagrelide Impurities	Anagrelide 3-Hydroxy Impurity	VL2810006	733043-41-9
Anamica Impurities	Anamica (O-Fluoro Nitrobenzene)	VL246001	1493-27-2
Anastrozole Impurities	Anastrozole Diacid	VL2490004	1338800-81-9
Anastrozole Impurities	Anastrozole Diamide Impurity	VL2490003	120512-04-1
Anastrozole Impurities	Anastrozole Monoamide Mononitrile Impurity	VL2490002	120512-03-0
Anastrozole Impurities	Anastrozole EP Impurity B	VL2490006	1216898-82-6
Anastrozole Impurities	Anastrozole EP Impurity C	VL2490007	120511-84-4
Anastrozole Impurities	Anastrozole EP Impurity D	VL2490008	1027160-12-8
Anastrozole Impurities	Anastrozole EP Impurity E	VL2490012	120511-88-8
Anastrozole Impurities	Anastrozole EP Impurity G	VL2490011	120511-92-4
Anastrozole Impurities	Anastrozole EP Impurity H	VL2490010	120511-72-0
Anastrozole Impurities	Anastrozole EP Impurity I	VL2490013	120511-91-3
Anastrozole Impurities	Anastrozole Formyl Impurity	VL2490027	120511-89-9
Apixaban Impurities	Apixaban Carboxylic Acid Impurity	VL3170001	503614-92-4
Apixaban Impurities	Apixaban 4,5-Dehydro Carboxamide	VL3170014	1074549-89-5
Apixaban Impurities	Apixaban 4,5-Dehydro Carboxylic Acid	VL3170017	N/A
Apixaban Impurities	Apixaban Ethyl Ester Impurity	VL3170015	503614-91-3
Apixaban Impurities	Apixaban Isopropyl Ester Impurity	VL3170018	N/A
Apixaban Impurities	Apixaban Methyl Ester Impurity	VL3170007	1074365-84-6
Apixaban Impurities	Apixaban N-Formyl Impurity	VL3170016	1351611-14-7
Apixaban Impurities	Apixaban O-Desmethyl Impurity	VL3170009	503612-76-8
Apixaban Impurities	Apixaban O-Desmethyl Sulfate	VL3170012	1118765-14-2
Aprepitant Impurities	Aprepitant Related Compound A	VL1110001	1148113-53-4
Aprepitant Impurities	Aprepitant Related Compound B	VL1110002	172822-29-6
Aprepitant Impurities	Aprepitant EP Impurity A	VL1110003	170729-76-7
Aprepitant Impurities	Fosaprepitant Dimeglumine	VL1110005	265121-04-8
Aprepitant Impurities	Aprepitant (S,R,S)-Isomer	VL1110007	170902-81-5
Aprepitant Impurities	Aprepitant (S,S,S)-Isomer	VL1110008	N/A
Aprepitant Impurities	Aprepitant N-Oxide	VL1110024	172673-23-3
Aprepitant Impurities	Aprepitant Open-Ring Methyl Ester Impurity	VL1110016	219821-37-1
Aprepitant Impurities	Aprepitant meta-Fluoro Isomer	VL1110023	172676-88-9
Aprepitant Impurities	(S,R,R)-Aprepitant	VE006982	1242175-34-3
Aprepitant Impurities	(R,S,R)-Aprepitant	VE006983	1185502-97-9
Aripiprazole Impurities	DH CLDCS Impurity	VL197004	120004-79-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Aripiprazole Impurities	Aripiprazole quinoline Impurity	VL197003	86-95-3
Aripiprazole Impurities	Aripiprazole Dimer Impurity	VL197001	1797986-18-5
Aripiprazole Impurities	Aripiprazole EP Impurity A	VL197010	22246-18-0
Aripiprazole Impurities	Aripiprazole Diquinoline Butanediol Impurity	VL197011	882880-12-8
Aripiprazole Impurities	Aripiprazole EP Impurity D	VL197009	203395-82-8
Aripiprazole Impurities	Aripiprazole EP Impurity E	VL197007	129722-25-4
Aripiprazole Impurities	Aripiprazole Chlorobutoxy Quinoline	VL197018	NA
Aripiprazole Impurities	Aripiprazole Impurity 3	VL197023	N/A
Aripiprazole Impurities	Aripiprazole Bromobutoxy Quinoline	VL197020	N/A
Aripiprazole Impurities	Aripiprazole Iodobutoxyquinoline Impurity	VL197021	N/A
Aripiprazole Impurities	Aripiprazole Butanoic Acid	VL197022	N/A
Aripiprazole Impurities	Aripiprazole Related Compound H	VL197015	1796928-63-6
Aripiprazole Impurities	Aripiprazole Related Compound B	VL197014	889443-20-3
Aripiprazole Impurities	Aripiprazole EP Impurity F	VL197008	573691-09-5
Aripiprazole Impurities	Aripiprazole EP Impurity C	VL197012	203395-81-7
Aripiprazole Impurities	Aripiprazole EP Impurity B	VL197013	119532-26-2
Aripiprazole Impurities	Aripiprazole EP Impurity B (free base)	VE006771	41202-77-1
Aripiprazole Impurities	Aripiprazole EP Impurity E (HCl salt)	VE006772	1008531-60-9
Aripiprazole Impurities	Aripiprazole Quinolinone Impurity	VE006773	70500-72-0
Aripiprazole Impurities	Aripiprazole 3,4-Dichloro Analog	VE006774	203395-75-9
Aripiprazole Impurities	Aripiprazole N-Bromobutyl Impurity	VE006775	1424857-68-0
Aripiprazole Impurities	Aripiprazole Methoxybutoxyquinoline Impurity	VE006776	1770391-64-4
Aripiprazole Impurities	Aripiprazole Quinolinediol Impurity	VE006777	1391054-74-2
Aripiprazole Impurities	Aripiprazole Desethylene Impurity	VE006779	1216394-63-6
Aripiprazole Impurities	Aripiprazole Hydroxybutylpiperazine Impurity	VE006780	870765-38-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Aripiprazole Impurities	Aripiprazole N,N-Dioxide	VE006781	573691-13-1
Aripiprazole Impurities	Aripiprazole N4-Oxide	VE006782	573691-11-9
Aripiprazole Impurities	Asenapine 11-Hydroxy Impurity	VE006783	1262639-38-2
Artemether Impurities	Artemether EP Impurity A	VL4140001	1093625-96-7
Artemether Impurities	Artemether Tetrahydrofuran Acetate	VL4140003	181528-64-3
Artemether Impurities	Artemether Impurity 1	VL4140002	N/A
Artemether Impurities	Artemether Related Compound B	VL3850079	71939-51-0
Artemisinin Impurities	Artemisinin Anhydro Dihydro Impurity	VE006550	82596-30-3
Ascorbic Acid Impurities	Ascorbic Acid EP Impurity C	VE006315	21675-47-8
Ascorbic Acid Impurities	Ascorbic Acid EP Impurity D	VE006406	67776-07-2
Ascorbic Acid Impurities	Ascorbic Acid Impurity 3	VE006912	3445-22-5
Ascorbic Acid Impurities	Dehydro Ascorbic Acid	VE006914	33124-69-5
Asenapine Impurities	Asenapine N Oxide Impurity	VL380001	128949-51-9
Asenapine Impurities	N Desmethyl Asenapine (free base)	VL380002	1170701-78-6
Asenapine Impurities	Asenapine Deschloro	VL380003	N/A
Asenapine Impurities	Cis-Asenapine	VL380004	65621-78-5
Asenapine Impurities	Asenapine Tetradehydro Impurity	VL380005	129385-60-0
Asenapine Impurities	Fumaric Acid	VL380006	110-17-8
Asenapine Impurities	Asenapine 11-Sulfate Impurity	VE006784	1399103-21-9
Asenapine Impurities	Asenapine Lactam Impurity	VE006785	934996-79-9
Asenapine Impurities	Asenapine N-Desmethyl Impurity (free base)	VE006787	1246820-54-1
Asenapine Impurity	Deschloro Asenapine	VE006788	N/A
Asenapine Impurity	Asenapine pyrrole fumarate	VE006789	1688678-60-5
Asenapine Impurity	Asenapine Amide Impurity	VE006437	N/A
Aspartame Impurities	Aspartame EP Impurity B	VL280001	13433-09-5
Aspartame Impurities	Aspartame EP Impurity A	VL280003	5262-10-2
Aspartame Impurities	Aspartame EP Impurity C	VL280002	N/A
Aspartame Impurities	Rac-Aspartame EP Impurity C	VL280004	150-30-1
Aspirin Impurities	Aspirin EP Impurity A	VL530001	99-96-7
Aspirin Impurities	Aspirin EP Impurity F	VL530002	1466-82-6
Aspirin Impurities	Aspirin EP Impurity D	VL530003	530-75-6
Aspirin Impurities	Aspirin EP Impurity E	VL530004	552-94-3
Aspirin Impurities	Aspirin EP Impurity B	VL530005	636-46-4
Aspirin Impurities	Aspirin EP Impurity C	VL530006	69-72-7
Atazanavir Impurities	Atazanavir EP Impurity B	VL2230001	127406-56-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Atazanavir Impurities	Atazanavir Pyridinyl Benzoic acid Impurity	VL2230010	4385-62-0
Atazanavir Impurities	Atazanavir Impurity 1	VL2230005	1292296-09-3
Atazanavir Impurities	Atazanavir Impurity 2	VL2230006	N/A
Atazanavir Impurities	Atazanavir Impurity 3	VL2230007	N/A
Atazanavir Impurities	Atazanavir EP Impurity H	VL2230009	N/A
Atazanavir Impurities	Atazanavir EP Impurity D	VL2230003	N/A
Atazanavir Impurities	(E)-1-(4-(Pyridin-2-yl)benzylidene)hydrazine	VE007002	257907-05-4
Atenolol Impurities	Atenolol Bis Ether Impurity	VL500008	141650-31-9
Atenolol Impurities	Atenolol EP Impurity F	VL500003	87619-83-8
Atenolol Impurities	Atenolol EP Impurity A	VL500004	17194-82-0
Atenolol Impurities	Atenolol EP Impurity B	VL500005	61698-76-8
Atenolol Impurities	Atenolol EP Impurity C	VL500006	29122-69-8
Atenolol Impurities	Atenolol EP Impurity D	VL500007	115538-83-5
Atenolol Impurities	Atenolol EP Impurity G	VL500009	56392-14-4
Atenolol Impurities	Atenolol EP Impurity I	VL500010	1797116-92-7
Atenolol Impurities	Atenolol EP Impurity H	VL500012	29277-73-4
Atenolol Impurities	Atenolol EP Impurity J	VL500011	81346-71-6
Atenolol Impurities	Atenolol R-Isomer	VE006790	56715-13-0
Atenolol Impurities	Atenolol Cyano Epoxide	VE006791	35198-42-6
Atomoxetine Impurities	Atomoxetine EP Impurity E	VL266001	17199-29-0
Atomoxetine Impurities	Atomoxetine Impurity 2	VL266004	N/A
Atomoxetine Impurities	Atomoxetine N-Desmethyl Impurity	VL266005	881995-46-6
Atomoxetine Impurities	Atomoxetine EP Impurity A (HCl salt)	VE006841	873310-33-9
Atorvastatin Impurities	Atorvastatin Methyl Ester	VL10009	345891-62-5
Atorvastatin Impurities	Atorvastatin Related Compound B	VL10001	887196-25-0
Atorvastatin Impurities	Atorvastatin 2,3-Anhydro lactone	VL10040	442851-50-5
Atorvastatin Impurities	3-Oxo Atorvastatin Impurity	VL10007	1391052-00-8
Atorvastatin Impurities	Atorvastatin Butyl Ester Impurity	VL10013	134395-00-9
Atorvastatin Impurities	Atorvastatin Related Compound C	VL10005	693793-53-2
Atorvastatin Impurities	Atorvastatin EP Impurity E	VL10006	501121-34-2
Atorvastatin Impurities	Atorvastatin Related compound D	VL10003	N/A
Atorvastatin Impurities	Atorvastatin EP Impurity G	VL10010	887324-53-0
Atorvastatin Impurities	Atorvastatin EP Impurity H	VL10002	125995-03-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Atorvastatin Impurities	Atorvastatin Related Compound I	VL10012	125971-95-1
Atorvastatin Impurities	Atorvastatin Related Compound A	VL10004	433289-84-0
Atorvastatin Impurities	Atorvastatin Lactam Lactone	VL10031	906552-19-0
Atorvastatin Impurities	Atorvastatin Oxirane Impurity	VL10032	1246818-88-1
Atorvastatin Impurities	Atorvastatin Ethyl Ester impurity	VL10024	1146977-93-6
Atorvastatin Impurities	Atorvastatin Acetonide Methyl Ester Impurity	VL10037	1553049-81-6
Atorvastatin Impurities	Atorvastatin 3-Deoxy-Hept-2-Enoic Acid	VL10018	1105067-93-3
Atorvastatin Impurities	Atorvastatin EP Impurity F (calcium salt)	VL10011	1105067-87-5
Atorvastatin Impurities	Atorvastatin Epoxy Tetrahydrofuran Analog	VL10030	873950-19-7
Atorvastatin Impurities	Atorvastatin FXA Impurity	VL10023	1316291-19-6
Atorvastatin Impurities	Atorvastatin FX1 Impurity	VL10021	1315629-79-8
Atorvastatin Impurities	Atorvastatin Pyrrolidone Analog	VL10019	148217-40-7
Atorvastatin Impurities	4-Hydroxy Atorvastatin Monosodium Salt	VL10015	163217-71-8
Atorvastatin Impurities	Atorvastatin Diepoxide Calcium Salt	VL10014	N/A
Atorvastatin Impurities	ADK-1 (Atorvastatin Impurity)	VL10038	124401-38-3
Atorvastatin Impurities	ADK-2 (Atorvastatin Impurity)	VL10039	88675-31-4
Atorvastatin Impurities	Atorvastatin Amlodipine Dimer Or Adduct	VL10041	425408-16-8
Atorvastatin Impurities	Atorvastatin Calcium Impurity-J	VE006263	N/A
Atorvastatin Impurities	Atorvastatin Calcium Impurity-P	VE006264	N/A
Atorvastatin Impurities	Atorvastatin Acetonide Impurity	VE006450	581772-29-4
Atorvastatin Impurities	Atorvastatin FXA Impurity(Free base)	VE006545	N/A
Atorvastatin Impurities	Atorvastatin EP Impurity F (free acid)	VE006369	887196-24-9
Atorvastatin Impurities	Atorvastatin Pyrrolidone Analog (free base)	VE006732	906552-18-9
Atovaquone Impurities	Atovaquone EP Impurity A	VL1370001	N/A
Atovaquone Impurities	Atovaquone EP Impurity C	VL1370004	1809464-27-4
Atovaquone Impurities	Atovaquone Related Compound A	VL1370002	137732-39-9
Atovaquone Impurities	Atovaquone EP Impurity D	VL1370003	129700-41-0
Axitinib Impurities	6 Iodo Indazole	VL4110001	261953-36-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Axitinib Impurities	Axitinib Impurity 29	VL4110002	319472-78-1
Axitinib Impurities	Axitinib Impurity B	VL4110003	944835-85-2
Axitinib Impurities	Axitinib Impurity C	VL4110004	1959572-97-4
Axitinib Impurities	Axitinib Impurity D	VL4110005	1959572-98-5
Axitinib Impurities	Axitinib Impurity F	VL4110007	1443118-73-7
Axitinib Impurities	Axitinib Impurity H	VL4110008	1639137-80-6
Axitinib Impurities	Axitinib Tetrahydropyran Impurity	VE006371	2242852-05-5
Azacididine Impurities	Azacididine Related Compound C (picrate salt)	VL4540001	4336-46-3
Azacididine Impurities	Azacididine Related Compound A	VL4540002	931-86-2
Azacididine Impurities	Azacididine Related Compound B	VL4540003	6974-32-9
Azacididine Impurities	Azacididine related compound C (Free base) (isomer 1)	VE006566	2508-80-7
Azacididine Impurities	Azacididine related compound C (Isomer 2)	VE006567	N/A
Azacididine Impurities	Azacididine related compound C (isomer 3)	VE006568	N/A
Azacididine Impurities	Azacididine related compound C (isomer 4)	VE006569	N/A
Azathioprine Impurities	Azathioprine EP Impurity A	VL4730001	4531-54-8
Azathioprine Impurities	Azathioprine EP Impurity C	VL4730002	4897-25-0
Azathioprine Impurities	Azathioprine EP Impurity G	VL4730003	5581-52-2
Azathioprine Impurities	Azathioprine EP Impurity D	VL4730006	6339-54-4
Azathioprine Impurities	Azathioprine EP Impurity E	VL4730005	73703-74-9
Azathioprine Impurities	Azathioprine EP Impurity F	VL4730008	68-94-0
Azathioprine Impurities	7-nitroso-7H-purine-6-thiol	VE006867	N/A
Azelastine Impurities	Azelastine EP Impurity A	VL1100001	613-94-5
Azelastine Impurities	Azelastine EP Impurity B (HCl salt)	VL1100002	117078-69-0
Azelastine Impurities	Azelastine EP Impurity C	VL1100003	53242-76-5
Azelastine Impurities	Azelastine EP Impurity D	VL1100004	53242-89-9
Azelastine Impurities	Azelastine EP Impurity E	VL1100005	20526-97-0
Azelastine Impurities	Azelastine N-Oxide	VL1100010	640279-88-5
Azilsartan Impurities	Azilsartan K Medoxomil Impurity 1	VL252001	N/A
Azilsartan Impurities	Azilsartan K Medoxomil Impurity 2	VL252002	N/A
Azilsartan Impurities	Azilsartan K Medoxomil Impurity 3	VL252003	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Azilsartan Impurities	Azilsartan K Medoxomil Impurity 4	VL252004	N/A
Azilsartan Impurities	Azilsartan K Medoxomil Impurity 5	VL252005	1604812-35-2
Azilsartan Impurities	Azilsartan K Medoxomil Impurity 6	VL252006	1417576-00-1
Azilsartan Impurities	Azilsartan K Medoxomil Impurity 7	VL252007	N/A
Azilsartan Impurities	Azilsartan Impurity 7	VL252009	431-03-8
Azilsartan Impurities	Azilsartan Impurity A	VL252010	147404-76-0
Azilsartan Impurities	Azilsartan Impurity B	VL252011	1696392-11-6
Azilsartan Impurities	Azilsartan Impurity C	VL252012	1397836-49-5
Azilsartan Impurities	Azilsartan Impurity D	VL252013	1821386-21-3
Azilsartan Impurities	Azilsartan Impurity E	VL252014	136285-69-3
Azilsartan Impurities	Azilsartan Impurity H	VL252015	1499167-72-4
Azilsartan Impurities	Azilsartan Impurity I	VL252016	139481-33-7
Azilsartan Impurities	Azilsartan Impurity J	VL252017	1403474-78-1
Azilsartan Impurities	Azilsartan Impurity K	VL252018	1442400-68-1
Azilsartan Impurities	Azilsartan Impurity L	VL252019	1442400-65-8
Azilsartan Impurities	Azilsartan Impurity M	VL252020	632322-61-3
Azilsartan Impurities	Azilsartan Impurity N	VL252021	N/A
Azilsartan Impurities	Azilsartan Impurity O	VL252022	2171316-29-1
Azilsartan Impurities	Azilsartan Impurity Q	VL252023	1696392-12-7
Azilsartan Impurities	Azilsartan Impurity 2	VL252024	147403-65-4
Azilsartan Impurities	Azilsartan Impurity 4	VL252025	147403-52-9
Azilsartan Impurities	Azilsartan Nitrile Methyl Ester	VE007061	139481-44-0
Azithromycin Impurities	Azithromycin EP Impurity J	VL186002	117693-41-1
Azithromycin Impurities	Azithromycin EP Impurity I	VL186003	172617-84-4
Azithromycin Impurities	Azithromycin EP Impurity F	VL186004	612069-28-0
Azithromycin Impurities	Azithromycin EP Impurity M	VL186005	765927-71-7
Azithromycin Impurities	Azithromycin EP Impurity N	VL186006	612069-25-7
Azithromycin Impurities	Azithromycin EP Impurity E	VL186007	612069-27-9
Azithromycin Impurities	Azithromycin EP Impurity L	VL186001	90503-06-3
Azithromycin Impurities	Azithromycin EP Impurity G	VL1860011	612069-31-5
Azithromycin Impurities	Azithromycin EP Impurity H	VL1860012	612069-30-4
Azithromycin Impurities	Azithromycin EP Impurity C	VL186009	620169-47-3
Azithromycin Impurities	Azithromycin EP Impurity B	VL186008	307974-61-4
Azithromycin Impurities	Azithromycin EP Impurity O	VL1860010	763924-54-5
Azithromycin Impurities	Azithromycin EP Impurity A	VL1860013	76801-85-9
Azithromycin Impurities	Azithromycin N-Ethyl Analog	VE006387	92594-45-1
Azithromycin Impurities	Azithromycin EP Impurity D	VL1860018	612069-26-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Azithromycin Impurities	Azithromycin EP Impurity K	VL1860017	612534-95-9
Azithromycin Impurities	Azithromycin EP Impurity Q	VL1860019	2095879-65-3
Azithromycin Impurities	beta-D-Desosamine	VL1860020	57794-18-0
Azithromycin Impurities	Azithromycin Aglycone	VL1860021	117693-42-2
Azithromycin Impurities	Azithromycin Impurity 8	VL1860022	N/A
Azithromycin Impurities	Azithromycin Impurity 6	VL1860023	N/A
Azithromycin Impurities	Azaerythromycin A 11 12 hydrogen bora	VL1860024	194809-66-0
Azithromycin Impurities	Azithromycin Impurity 3 Sodium Salt	VL1860025	N/A
Azithromycin Impurities	Azithromycin Impurity 2	VL1860026	N/A
Azithromycin Impurities	3 Hydroxy Azithromycinoic Acid Sodium Salt	VL1860027	N/A
Azithromycin Impurities	Azithromycin EP Impurity R	VL1860028	161193-44-8
Azithromycin Impurities	Azithromycin	VL1860029	83905-01-5
Azithromycin Impurities	Azithromycin Impurity P	VL1860015	Not Reported
Azithromycin Impurities	Azithromycin Impurity Zy	VE006637	N/A
Azodicarboxylate Impurities	Diethyl Azodicarboxylate	VL5180001	1972-28-7
Azoxystrobin Impurities	Azoxystrobin Impurity 1	VL5170004	2184107-36-4
Azoxystrobin Impurities	Azoxystrobin (Z)-Isomer	VL5170002	143130-94-3
Aztreonam Impurities	Aztreonam Dimer Impurity	VL5160017	N/A
Aztreonam Impurities	Aztreonam Ethyl Ester	VL5160019	102579-57-7
Aztreonam Impurities	Aztreonam E-Isomer	VL5160020	99341-02-3
Aztreonam Impurities	Aztreonam Desulfated Impurity	VL5160021	102579-59-9
Aztreonam Impurities	Open-ring Desulfated Aztreonam	VL5160022	102586-36-7
Aztreonam Impurities	Open-ring Aztreonam	VL5160023	87500-74-1
Aztreonam Impurities	Aztreonam Amide Impurity	VL5160024	1219444-93-5
Aztreonam Impurities	Aztreonam Desulfo t-Butyl Ester	VL5160025	N/A
Azure Impurities	Azure Impurity C	VL4890001	531-57-7
Azure Impurities	Azure Impurity A	VE006278	531-53-3
Baclofen Impurities	Dibaclofen Urea impurity	VL3050001	N/A
Baclofen Impurities	Baclofen Related Compound A	VL1560001	22518-27-0
Baclofen Impurities	Baclofen EP Impurity B	VL1560002	1141-23-7
Balsalazide Impurities	Balsalazide USP Impurity 3	VL2010001	1346606-53-8
Balsalazide Impurities	Balsalazide USP Impurity 1	VL2010002	1242567-11-8
Balsalazide Impurities	Balsalazide Impurity 2	VL2010003	1242567-09-4
Baricitinib Impurities	Baricitinib Impurity 1	VL3190001	N/A
Baricitinib Impurities	Baricitinib Impurity 2	VL3190002	N/A
Baricitinib Impurities	Baricitinib Impurity 3	VL3190003	1187595-89-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Baricitinib Impurities	Baricitinib Impurity 4	VL3190004	N/A
Baricitinib Impurities	Baricitinib Impurity 5	VL3190005	N/A
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity A	VL2620010	69224-79-9
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity E	VL2620011	887130-68-9
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity H	VL2620012	5534-18-9
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity N	VL2620001	1204582-47-7
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity Q	VL2620002	N/A
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity B	VL2620003	5534-08-7
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity C	VL2620004	N/A
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity D	VL2620005	52092-14-5
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity F	VL2620006	887130-69-0
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity M	VL2620007	N/A
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity I	VL2620013	52092-12-3
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity J	VL2620014	66917-44-0
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity L	VL2620015	114371-33-4
Beclometasone Impurities	Beclometasone Dipropionate EP Impurity O	VL2620016	14527-61-8
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity R	VL2620017	981-34-0
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity S	VL2620018	1709825-83-1
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity U	VL2620019	79578-39-5
Beclometasone Impurities	Beclomethasone Dipropionate EP Impurity V	VL2620020	205105-83-5
Beclometasone Impurities	1,2-Dihydro Dihydroxy Beclometasone	VE007322	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Beclometasone Impurities	Beclometasone Dipropionate Impurity 2	VE007323	N/A
Bendamustine Impurities	Bendamustine Related Compound C	VL1450010	3545-74-6
Bendamustine Impurities	Bendamustine Related Compound I	VL1450011	87475-54-5
Bendamustine Impurities	Bendamustine Related Compound G	VL1450012	N/A
Bendamustine Impurities	Bendamustine Related Compound H	VL1450005	1228551-91-4
Bendamustine Impurities	Bendamustine Related Compound B (free base)	VL1450006	1228552-02-0
Bendamustine Impurities	Bendamustine Methyl Ester	VE005914	109882-25-9
Bendamustine Impurities	Bendamustine related compound D	VL1450008	1797881-48-1
Bendamustine Impurities	Bendamustine related compound A	VL1450007	109882-29-3
Bendamustine Impurities	Bendamustine related compound E	VL1450009	109882-27-1
Bendamustine Impurities	Bendamustine Dideschloroethyl Ethyl Ester	VE006208	3543-73-5
Bendamustine Impurities	Bendamustine N-Desmethyl Impurity	VE007303	31349-38-9
Bendamustine Impurities	Bendamustine N-Desmethyl Ethyl Ester	VE007304	N/A
Bendamustine Impurities	Bendamustine Monohydroxy Acid Ethyl Ester	VE007305	898224-95-8
Bendamustine Impurities	Bendamustine Isopropyl Ester	VE007307	1313020-25-5
Bendamustine Impurities	Bendamustine Dimer 2-Allyl Ester	VE007308	N/A
Bendamustine Impurities	Bendamustine Dihydroxy N-Desmethyl Ethyl Ester	VE007309	N/A
Bendamustine Impurities	Bendamustine Dideschloroethyl Acid Impurity	VE007310	914626-62-3
Bendamustine Impurities	Bendamustine Deschloroethyl Acid Ethyl Ester	VE007311	2517968-40-8
Bendamustine Impurities	Bendamustine Deschloro Ethoxy Impurity	VE007312	N/A
Bendamustine Impurities	Bendamustine Deschloro Acetoxy Impurity	VE007313	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Bendamustine Impurities	Bendamustine 2-Hydroxyprop-1-yl Ester	VE007321	N/A
Benidipine Impurities	Benidipine Dehydro Derivative	VL2590002	118935-44-7
Benzene Sulfonic Acid Impurities	Benzene Sulfonic Acid	VL228001	98-11-3
Bepotastine Impurities	Bepotastine Ethyl Ester	VE006604	190730-39-3
Bepotastine Impurities	Bepotastine Desbutyrate Impurity (Tartrate)	VE006632	210095-58-2
Betahistine Impurities	Betahistine EP Impurity C	VL178001	5452-87-9 (free base)
Betahistine Impurities	Betahistine EP Impurity A	VL178002	100-69-6
Betahistine Impurities	Betahistine Impurity B	VL178003	103-74-2
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity G	VL2700017	1186048-33-8
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity B	VL2700001	5534-13-4
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity C	VL2700002	75883-07-7
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity D	VL2700003	5514-81-8
Betamethasone Impurities	Betamethasone delta 17, 20, 21-Aldehyde (Mixture of Isomer)	VL2700004	6762-45-4
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity I	VL2700020	80163-83-3
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity H	VL2700019	1186048-34-9
Betamethasone Impurities	Betamethasone Dipropionate EP Impurity E	VL2700021	5534-09-8
Betamethasone Impurities	Betamethasone EP Impurity C	VL2700011	13504-15-9
Betamethasone Impurities	Betamethasone Acetate EP Impurity D	VE005875	912-38-9
Betamethasone Impurities	Betamethasone Valerate EP Impurity D	VE007005	N/A
Betamethasone Impurities	Betamethasone Impurity 2	VE007343	1240591-58-5
Betamethasone Impurities	Betamethasone Impurity 3	VE007344	5533-97-1
Betamethasone Impurities	Betamethasone Impurity 4	VE007345	1155886-49-9
Betamethasone Impurities	Betamethasone-(E)-enolaldehyde	VE007342	52647-07-1
Betamethasone Impurities	Betamethasone-(Z)-enolaldehyde	VE007341	52647-06-0
Betamethasone Impurities	1-2Dihydro Betamethasone	VE007340	34542-51-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Betamethasone Impurities	Betamethasone di Acetate Impurity	VE007339	86270-68-0
Betamethasone Impurities	Betamethasone 11-Oxo 17-Propionate	VE007324	N/A
Betamethasone Impurities	Betamethasone 21-mesylate	VE007362	1881-66-9
Betamethasone Valerate	Betamethasone Valerate EP Impurity C	VE006855	33755-46-3
Betamethasone Valerate	Betamethasone Valerate EP Impurity G	VE006856	N/A
Betamethasone Valerate	Betamethasone Valerate EP Impurity H	VE006857	52619-18-8
Betamethasone Valerate	Betamethasone Valerate EP Impurity I	VE006858	2802-10-0
Betamethasone Valerate	Betamethasone 11-Oxo 21-Acetate 17-Propionate	VE007325	N/A
Betaxolol Impurities	Betaxolol EP Impurity B	VL2940001	62572-94-5
Betaxolol Impurities	Betaxolol EP Impurity D	VL2940002	63659-16-5
Betaxolol Impurities	Betaxolol Impurity F	VL2940003	N/A
Betaxolol Impurities	Betaxolol EP Impurity E	VL2940004	1329613-85-5
Betaxolol Impurities	Betaxolol EP Impurity A	VL2940005	67193-95-7
Betaxolol Impurities	Betaxolol EP Impurity C	VE007363	63659-17-6
Bexarotene Impurities	Bexarotene Keto acid impurity	VE006530	153559-46-7
Bexarotene Impurities	Bexarotene Amide Impurity	VE006531	N/A
Bexarotene Impurities	Bexarotene tetrahydro naphthalene impurity	VE006532	6683-48-3
Bexarotene Impurities	Bexarotene Ketone Methyl Ester Impurity	VE006533	153559-45-6
Bexarotene Impurities	Bexarotene Methyl Ester impurity	VE006534	153559-48-9
Bezafibrate Impurities	Bezafibrate EP Impurity A	VL3930001	41859-57-8
Bezafibrate Impurities	Bezafibrate EP Impurity B	VL3930002	74-11-3
Bezafibrate Impurities	Bezafibrate EP Impurity C	VL3930003	2157488-46-3
Bezafibrate Impurities	Bezafibrate EP Impurity D	VL3930004	41859-58-9
Bezafibrate Impurities	Bezafibrate EP Impurity E	VL3930005	N/A
Bicalutamide Impurities	Bicalutamide Impurity 1	VL4500001	90357-53-2
Bicalutamide Impurities	Bicalutamide EP Impurity D	VE006564	654-70-6
Bicalutamide Impurities	Bicalutamide Related Compound A	VE006822	945419-64-7
Bicalutamide Impurities	Bicalutamide Oxirane Impurity	VE006823	90357-51-0
Bicalutamide Impurities	Bicalutamide EP Impurity J	VE006824	90356-78-8
Bicalutamide Impurities	Bicalutamide EP Impurity C	VE006825	906008-94-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Bicalutamide Impurities	Bicalutamide Related Compound B	VE006826	1166228-30-3
Bimatoprost Impurities	Bimatoprost Acid Impurity	VL3370001	38344-08-0
Bimatoprost Impurities	15 Epi Bimatoprost Impurity	VL3370002	1163135-92-9
Bimatoprost Impurities	15 Keto Bimatoprost Impurity	VL3370003	1163135-96-3
Bimatoprost Impurities	5,6-Trans Bimatoprost Impurity	VL3370004	1163135-95-2
Bimatoprost Impurities	Bimatoprost Acid 15-Epi Isopropyl Ester	VE007364	130273-87-9
Bimatoprost Impurities	Bimatoprost Acid 15-Epi Methyl Ester	VE007365	122675-28-9
Bimatoprost Impurities	Bimatoprost Acid 15-Epimer	VE007366	41639-71-8
Bimatoprost Impurities	Bimatoprost Acid Isopropyl Ester	VE007367	130209-76-6
Bimatoprost Impurities	Bimatoprost Acid Methyl Ester	VE007368	38315-47-8
Bimatoprost Impurities	Bimatoprost Impurity 1	VE007369	41162-19-0
Bimatoprost Impurities	Bimatoprost Impurity 2	VE007370	76704-05-7
Bimatoprost Impurities	Bimatoprost N-Cyclopropyl	VE007371	1138395-12-6
Bimatoprost Impurities	Bimatoprost 13,14-Epoxyde	VE007372	N/A
Bimatoprost Impurities	Bimatoprost Cyclohexyl Amide	VE007373	N/A
Bisacodyl Impurities	Bisacodyl EP Impurity A	VL3940001	603-41-8
Bisacodyl Impurities	Bisacodyl EP Impurity B	VL3940003	16985-05-0
Bisacodyl Impurities	Bisacodyl EP Impurity C	VL3940004	72901-16-7
Bisacodyl Impurities	Bisacodyl Impurity D	VL3940005	10040-45-6
Bisacodyl Impurities	Bisacodyl EP Impurity E	VL3940006	111664-35-8
Bisoprolol Impurities	Bisoprolol EP Impurity B	VL191008	1447715-44-7
Bisoprolol Impurities	Bisoprolol EP Impurity L	VL191001	29122-74-5
Bisoprolol Impurities	Bisoprolol EP Impurity A	VL191002	62572-93-4
Bisoprolol Impurities	Bisoprolol EP Impurity G	VL191003	1215342-36-1
Bisoprolol Impurities	Bisoprolol EP Impurity C	VL191015	1797132-90-1
Bisoprolol Impurities	Bisoprolol EP Impurity K	VL191004	864544-37-6
Bisoprolol Impurities	Bisoprolol Carboxylic Acid Impurity	VL191005	72570-70-8
Bisoprolol Impurities	Bisoprolol Benzyl Alcohol	VL191006	623-05-2
Bisoprolol Impurities	Bisoprolol EP Impurity R	VL191007	5790-46-5
Bisoprolol Impurities	Bisoprolol EP Impurity E	VL191009	1217245-60-7
Bisoprolol Impurities	Bisoprolol EP Impurity Q	VL191010	1346604-00-9
Bisoprolol Impurities	Bisoprolol EP Impurity S	VL191012	123-08-0
Bisoprolol Impurities	Bisoprolol EP Impurity T	VL191013	1173203-26-3
Bisoprolol Impurities	Bisoprolol EP Impurity F	VL191014	1798418-82-2
Bisoprolol Impurities	Bisoprolol EP Impurity U	VL191016	1071765-44-0
Bisoprolol Impurities	Bisoprolol Dimer Impurity	VL191017	N/A
Bisoprolol Impurities	Bisoprolol EP Impurity N	VL191018	1346601-75-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Bisoprolol Impurities	Bisoprolol EP Impurity M	VE006330	177034-57-0
Bisoprolol Impurities	Bisoprolol N-Formyl Impurity	VE006341	1447715-45-8
Bisoprolol Impurities	Bisoprolol Fumarate Methyl Ester	VE006501	N/A
Bisoprolol Impurities	Bisoprolol EP Impurity D	VL191019	1225195-71-0
Bisoprolol Impurities	Bisoprolol Impurity 9	VE006909	59383-52-7
Bisoprolol Impurities	Bisoprolol Impurity 10	VE006910	2469273-10-5
Bisoprolol Impurities	Bisoprolol EP Impurity J	VE007374	1797024-50-0
Bisoprolol Impurities	Bisoprolol Hydroxyethyl Ester Impurity	VE007375	1346601-19-1
Bisoprolol Impurities	Bisoprolol Hydroxymethyl Oxiran Impurity	VE007376	4204-78-8
Bisoprolol Impurities	Bisoprolol Related Compound E	VE007377	N/A
Bisoprolol Impurities	Bisoprolol Impurity 1	VE007378	1346603-05-1
Bisoprolol Impurities	Bisoprolol Impurity 2	VE007379	2186-24-5
Bisoprolol Impurities	Bisoprolol Impurity 3	VE007381	06/03/2095
Bisoprolol Impurities	Bisoprolol Impurity 5	VE007382	14697-49-5
Bisoprolol Impurities	Bisoprolol Impurity 6	VE007383	2514957-47-0
Bisoprolol Impurities	N-Desisopropyl-N-formyl Bisoprolol	VE007384	1346602-59-2
Bisoprolol Impurities	Bisoprolol Impurity 8	VE007385	704200-67-9
Bortezomib Impurities	Bortezomib Related Compound B	VL1200001	289472-80-6
Bortezomib Impurities	Bortezomib Impurity F	VL1200002	N/A
Bortezomib Impurities	Bortezomib Impurity H	VL1200003	1446194-56-4
Bortezomib Impurities	Bortezomib Impurity E	VL1200004	N/A
Bortezomib Impurities	Bortezomib Impurity 26	VL1200005	78-77-3
Bortezomib Impurities	Bortezomib impurity 29	VL1200006	89-01-0
Bortezomib Impurities	Bortezomib Impurity 30	VL1200007	513-36-0
Bortezomib Impurities	Bortezomib Impurity 28	VL1200008	18942-49-9
Bortezomib Impurities	Bortezomib Impurity 31	VL1200009	84110-40-7
Bortezomib Impurities	Bortezomib Impurity 27	VL1200010	63-91-2
Bortezomib Impurities	Bortezomib Impurity B	VL1200011	N/A
Bortezomib Impurities	Bortezomib N-Pentyl Impurity	VL1200012	1104011-35-9
Bortezomib Impurities	Bortezomib (S,S)-Diastereomer	VE006142	1132709-14-8
Bortezomib Impurities	Bortezomib (R,S)-Enantiomer	VE006143	N/A
Bortezomib Impurities	Bortezomib (1S, 2R)-Isomer	VE006271	1132709-16-0
Bortezomib Impurities	Bortezomib Hydroxy Impurity	VE006536	N/A
Bortezomib Impurities	Bortezomib Acid Impurity	VE006535	114457-94-2
Bortezomib Impurities	Bortezomib Acid Methyl Ester	VE007391	73058-37-4
Bortezomib Impurities	Bortezomib Acid R-Isomer	VE007728	1608986-16-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Bortezomib Impurities	Bortezomib Acid R-Isomer Methyl Ester	VE007392	N/A
Bosentan Impurities	Bosentan Dimer Impurity	VL28001	1097263-60-9
Bosentan Impurities	Bosentan Impurity 1	VL28007	1218951-81-5
Bosentan Impurities	Bosentan Related Compound A	VL28008	150727-06-3
Bosentan Impurities	Bosentan Related Compound B	VL28003	174227-14-6
Bosentan Impurities	Bosentan Related Compound D	VL28005	150728-13-5
Bosentan Impurities	Bosentan Related Compound E	VL28009	6292-59-7
Bosentan Impurities	Bosentan Hydroxymethyl Impurity	VE007402	253688-60-7
Bosentan Impurities	Bosentan Hydroxymethyl O-Desmethyl Impurity	VE007403	253688-62-9
Bosentan Impurities	Bosentan O-Desmethyl Impurity	VE007404	253688-61-8
Bosentan Impurities	Bosentan Sulfide	VE007405	N/A
Bosentan Impurities	Bosentan Sulfoxide	VE007406	N/A
Bosentan Impurities	Bosentan Impurity 2	VE007407	1257099-42-5
Bosentan Impurities	Bosentan Impurity 3	VE007408	1257099-43-6
Bosentan Impurities	Bosentan Impurity 4	VE007409	1257099-44-7
Bosutinib Impurities	Bosutinib Didesmethyl Impurity	VE006040	N/A
Bosutinib Impurities	Bosutinib Isomer	VE006039	1391063-17-4
Bosutinib Impurities	Bosutinib Dimer Impurity	VE006041	N/A
Brexpiprazole Impurities	Brexpiprazole BBO Dimer Impurity	VL3840002	N/A
Brexpiprazole Impurities	Brexpiprazole Impurity 2	VL3840004	2094559-58-5
Brexpiprazole Impurities	Brexpiprazole N-Oxide Impurity	VL3840005	1191900-58-9
Brexpiprazole Impurities	Brexpiprazole Impurity 4	VL3840006	2116542-20-0
Brexpiprazole Impurities	Brexpiprazole Impurity 23	VE006379	913613-82-8
Brexpiprazole Impurities	Brexpiprazole Impurity 32	VE006380	913614-18-3
Brexpiprazole Impurities	Brexpiprazole impurity 12	VE006381	2116542-19-7
Brexpiprazole Impurities	Brexpiprazole impurity 11	VE006382	1886188-97-1
Brexpiprazole Impurities	Brexpiprazole Impurity 27	VE006386	2220149-92-6
Brexpiprazole Impurities	Brexpiprazole Benzothiophene Impurity	VE007412	N/A
Brexpiprazole Impurities	Brexpiprazole Butoxyquinolinone Impurity	VE007413	N/A
Brexpiprazole Impurities	Brexpiprazole Chlorobutoxyquinolinol Impurity	VE007414	N/A
Brexpiprazole Impurities	Brexpiprazole Desquinolinonyl Impurity	VE007415	913614-15-0
Brexpiprazole Impurities	7-(4-Chlorobutoxy)-1-(4-chlorobutyl)quinolin-2(1H)-one	VE007416	2059954-32-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Brexipiprazole Impurities	Brexipiprazole Sulfone Impurity	VE007417	1191900-59-0
Brexipiprazole Impurities	Brexipiprazole Sulfoxide Impurity	VE007418	1191900-51-2
Brexipiprazole Impurities	Brexipiprazole Di-N-Oxide	VE007419	2247155-42-4
Brexipiprazole Impurities	6-Bromobenzo[b]thiophene	VE007420	17347-32-9
Brexipiprazole Impurities	7-Bromobenzo[b]thiophene	VE007421	1423-61-6
Brexipiprazole Impurities	Brexipiprazole Cyclic Dimer	VE007422	2190474-85-0
Brimonidine Impurities	Brimonidine EP Impurity E	VL1910001	168329-48-4
Brimonidine Impurities	Brimonidine EP Impurity C	VL1910002	6298-37-9
Brimonidine Impurities	Brimonidine EP Impurity B	VL191000	50358-63-9
Brimonidine Impurities	Brimonidine EP Impurity A	VL1910004	91147-43-2
Brimonidine Impurities	Brimonidine EP Impurity D	VL1910005	842138-74-3
Brimonidine Impurities	Brimonidine EP Impurity G	VE006448	1216379-05-3
Brimonidine Impurities	Brimonidine EP Impurity H	VE006452	91147-46-5
Brimonidine Impurities	Brimonidine 2,3-Dione Impurity	VE007423	182627-95-8
Brimonidine Impurities	Brimonidine Carbamothioate Impurity	VE007424	842138-75-4
Brimonidine Impurities	Brimonidine EP Impurity F	VE007425	151110-15-5
Brimonidine Impurities	Brimonidine Tartrate Impurity 3	VE007426	1217439-06-9
Brimonidine Impurities	6-Isothiocyanatoquinoxaline	VE007427	135306-56-8
Brimonidine Impurities	Brimonidine Dimer Impurity	VE007428	N/A
Brimonidine Impurities	Brimonidine Acrylate	VE007429	N/A
Brimonidine Impurities	Brimonidine Related Impurity 4	VE007430	182628-02-0
Brimonidine Impurities	Brimonidine Inhouse Impurity I	VE007431	134892-46-9
Brinzolamide Impurities	Brinzolamide Related Compound B	VL207001	404034-55-5
Brinzolamide Impurities	Brinzolamide Related Compound A	VL207002	154127-19-2
Brinzolamide Impurities	Brinzolamide O-Desmethyl Impurity	VL207003	186377-56-0
Brinzolamide Impurities	Brinzolamide Impurity D	VL207004	N/A
Brinzolamide Impurities	Brinzolamide Tosyl Impurity	VL207006	N/A
Brinzolamide Impurities	Brinzolamide Methanesulfonyl Amide	VE007436	N/A
Brinzolamide Impurities	Brinzolamide N-Ethanol Impurity	VE007437	N/A
Brinzolamide Impurities	Brinzolamide Impurity 10	VE007438	138890-58-1
Brivaracetam Impurities	Brivaracetam Acid Impurity	VL4680001	943986-67-2
Bromfenac Impurities	Bromfenac Impurity D	VL274004	51135-38-7
Bromfenac Impurities	Bromfenac Impurity C	VL274003	91713-91-6
Bromfenac Impurities	Bromfenac Impurity B	VL274002	91713-90-5
Bromfenac Impurities	Bromfenac Impurity A	VL274001	61941-56-8
Bromfenac Impurities	Bromfenac Ethyl Ester	VE007440	102414-22-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Bromfenac Impurities	Bromfenac Methyl Ester	VE007441	N/A
Bromfenac Impurities	Bromfenac Related Compound 1	VE007443	1279501-08-4
Bromfenac Impurities	Bromfenac Related Compound 2	VE007444	91714-41-9
Bromfenac Impurities	Bromfenac (indol-indol) Dimer	VE007449	2469279-10-3
Bromfenac Impurities	Bromfenac Impurity 1	VE007450	1798431-98-7
Bromfenac Impurities	Bromfenac Impurity 2	VE007451	845276-75-7
Bromfenac Impurities	Bromfenac Impurity 3	VE007452	136266-79-0
Bromfenac Impurities	Bromfenac Impurity 4	VE007453	241496-82-2
Bromfenac Impurities	Bromfenac Impurity 5	VE007454	1391052-54-2
Bromfenac Impurities	Bromfenac Impurity 6	VE007456	241825-88-7
Bromfenac Impurities	Bromfenac Impurity 7	VE007459	126849-31-8
Bromfenac Impurities	Bromfenac Acyl- β -D-Glucuronide	VE007439	N/A
Bromfenac Impurities	Bromfenac N- β -D-Glucoside	VE007442	212266-82-5
Bromhexine Impurities	Bromhexine EP Impurity A	VL24001	N/A
Bromhexine Impurities	Bromhexine EP Impurity E	VL24005	1661064-00-1
Bromhexine Impurities	Bromhexine EP Impurity D	VL24004	132004-28-5
Bromhexine Impurities	Bromhexine EP Impurity C	VL24003	57365-08-9
Bromhexine Impurities	Bromhexine Related Compound 3	VE007460	2512203-87-9
Bromhexine Impurities	Bromhexine Related Compound 4	VE007461	21237-84-3
Bromhexine Impurities	Bromhexine Impurity (N-(2-Nitrobenzyl)-N-cyclohexyl-N-methylamine)	VE007462	80638-08-0
Bromhexine Impurities	Bromhexine N-Oxide	VE007463	N/A
Budesonide Impurities	Budesonide EP Impurity A	VL34001	13951-70-7
Budesonide Impurities	Budesonide EP Impurity B	VL34002	1040085-98-0
Budesonide Impurities	Budesonide EP Impurity C	VL34003	1040085-99-1
Budesonide Impurities	Budesonide EP Impurity E	VL34004	131918-64-4
Budesonide Impurities	Budesonide EP Impurity F	VL34005	638-94-8
Budesonide Impurities	Budesonide EP Impurity I	VL34006	113930-13-5
Budesonide Impurities	Budesonide EP Impurity L	VL34007	216453-74-6
Budesonide Impurities	Budesonide EP Impurity D	VL34008	85234-63-5
Budesonide Impurities	Budesonide EP Impurity G	VL34009	137174-25-5
Budesonide Impurities	Budesonide EP Impurity H	VL34010	313474-58-7
Budesonide Impurities	Budesonide EP Impurity J	VL34011	313474-59-8
Budesonide Impurities	Budesonide EP Impurity K	VL34012	51333-05-2
Budesonide Impurities	Budesonide 17-Carboxylic Acid Impurity	VL34013	192057-49-1
Budesonide Impurities	21-Butyryloxy Budesonide	VL34014	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Budesonide Impurities	Budesonide 17, 21-Diacetyloxy Impurity	VL34015	17652-24-3
Budesonide Impurities	21-Acetoxy-11beta -hydroxypregna-1,4,16-triene-3,20-dione	VE006999	3044-42-6
Budesonide Impurities	Budesonide (22R)-Isomer	VE007464	51372-29-3
Budesonide Impurities	Budesonide (22S)-Isomer	VE007465	51372-28-2
Budesonide Impurities	Budesonide 1,4,14-Triene Triol Impurity	VE007466	131918-72-4
Budesonide Impurities	Budesonide 21-Butyrate Impurity	VE007467	N/A
Budesonide Impurities	Budesonide 6-alpha-Hydroxy Impurity	VE007468	577777-51-6
Budesonide Impurities	Budesonide 6-beta-Hydroxy Impurity	VE007469	88411-77-2
Budesonide Impurities	22S-6 β -Hydroxy Budesonide	VE007470	93861-51-9
Budesonide Impurities	22R-6 β -Hydroxy Budesonide	VE007471	93861-52-0
Budesonide Impurities	23-Hydroxybudesonide	VE007472	109423-03-2
Budesonide Impurities	Budesonide Related Compound 4	VE007473	111088-90-5
Budesonide Impurities	Budesonide Oxoacetic Acid	VE007474	N/A
Budesonide Impurities	Budesonide Sulfate Sodium Impurity	VE007475	N/A
Budesonide Impurities	24-Hydroxy Budesonide	VE007476	N/A
Budesonide Impurities	Androstandionic Impurity	VE007477	85234-64-6
Budesonide Impurities	Budesonide Propionaldehyde Impurity	VE007478	68293-09-4
Budesonide Impurities	16 α -Hydroxycortisol Impurity	VE007479	1171-81-9
Budesonide Impurities	Budesonide Impurity 6	VE007480	77017-20-0
Bumetanide Impurities	Bumetanide EP Impurity C	VL253003	32643-00-8
Bumetanide Impurities	Bumetanide EP Impurity A	VL253001	28328-53-2
Bumetanide Impurities	Bumetanide Impurity 4	VL253009	N/A
Bumetanide Impurities	Bumetanide EP Impurity B	VL253004	28328-54-3
Bumetanide Impurities	Bumetanide EP Impurity D	VL253005	153012-65-8
Bumetanide Impurities	Bumetanide Impurity 1	VL253006	28395-28-0
Bumetanide Impurities	N-Nitroso Bumetanide Impurity	VE006127	N/A
Bumetanide Impurities	Bumetanide β -D-Glucuronide	VE007481	102623-14-3
Bumetanide Impurities	Bumetanide Lactose Adduct Impurity	VE007482	N/A
Bupropion Impurities	Bupropion Amine Impurity	VL25011	119802-69-6
Bupropion Impurities	Bupropion Related Compound A	VL25015	1049718-72-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Bupropion Impurities	Bupropion Related Compound C	VL25014	152943-33-4
Bupropion Impurities	Bupropion Related Compound E	VL25002	10557-17-2
Bupropion Impurities	Bupropion Related compound D	VL25001	63199-74-6
Bupropion Impurities	Bupropion 2-Chloro Analog	VL25003	1049718-57-1
Bupropion Impurities	Bupropion 3-Chloropropiophenone Impurity	VL25004	N/A
Bupropion Impurities	Bromochloro Propiophenone	VL25005	N/A
Bupropion Impurities	4-Chloro Bupropion	VL25006	N/A
Bupropion Impurities	5-Chloro Bupropion	VL25007	1193779-48-4
Bupropion Impurities	Bupropion S,R,R,-Thiomorpholine derivative	VL25008	2133460-43-0
Bupropion Impurities	Bupropion S,S,S-Thiomorpholine Derivative	VL25009	N/A
Bupropion Impurities	Erythrohydroxy Bupropion	VL25010	292055-72-2
Bupropion Impurities	Threohydroxy Bupropion	VL25012	153365-82-3
Bupropion Impurities	Bupropion Related Compound B	VL25016	1049718-43-5
Bupropion Impurities	Bupropion M-Chloro Benzoic Acid	VL25017	535-80-8
Bupropion Impurities	Bupropion Related Compound F	VL25021	857233-13-7
Bupropion Impurities	Bupropion Des-Tbutylamino Impurity	VL25022	34841-35-5
Bupropion Impurities	Bupropion (R)-Isomer	VE007483	437723-96-1
Bupropion Impurities	Bupropion (S)-Hydroxy Propanone Impurity	VE007484	287477-53-6
Bupropion Impurities	Bupropion (S)-Isomer	VE007485	324548-43-8
Bupropion Impurities	Bupropion 2-Bromo Impurity	VE007486	34911-51-8
Bupropion Impurities	Bupropion 2-Oxime Impurity	VE007487	56472-71-0
Bupropion Impurities	Bupropion Dihydro (R,R)-Isomer and Enantiomer	VE007489	92264-82-9
Bupropion Impurities	Bupropion 3,5-Dichloro Impurity	VE007488	N/A
Buspirone Impurities	Buspirone EP Impurity M	VL249016	80827-62-9
Buspirone Impurities	Buspirone EP Impurity C	VL249009	257877-45-5
Buspirone Impurities	Buspirone EP Impurity N	VL249006	257877-44-4
Buspirone Impurities	Buspirone EP Impurity G	VL249005	84746-24-7
Buspirone Impurities	Buspirone EP Impurity A	VL249004	20980-22-7
Buspirone Impurities	Buspirone EP Impurity K	VL249002	1075-89-4
Buspirone Impurities	Buspirone EP Impurity J	VL249003	N/A
Buspirone Impurities	Buspirone EP Impurity E	VL249001	257877-46-6
Buspirone Impurities	Buspirone EP Impurity L	VL249007	21098-11-3
Buspirone Impurities	Buspirone Spiroammonium Salt	VL249008	81461-73-6
Buspirone Impurities	Buspirone EP Impurity F	VL249012	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Buspirone Impurities	Buspirone EP Impurity H	VL249013	N/A
Buspirone Impurities	Buspirone Chlorobuspirone	VL249014	N/A
Buspirone Impurities	Buspirone Open Ring Spirodimer	VL249015	N/A
Buspirone Impurities	Buspirone EP Impurity D	VL249010	N/A
Butamirate Impurities	Butamirate Desethyl Impurity	VE006277	47092-75-1
Butyl Parahydroxybenzoate Impurities	Butyl Parahydroxybenzoate EP Impurity C	VE006649	120-47-8
Butylhydroxyanisole Impurities	Butylhydroxyanisole EP Impurity A	VE006918	123-31-9
Butylparaben Impurities	Butylparaben Impurity E	VL4560001	4247-02-3
Butyric Acid Impurities	Butyric Acid	VL26001	107-92-6
Caffeine Impurities	Caffeine EP Impurity A	VL3710003	58-55-9
Caffeine Impurities	Caffeine EP Impurity D	VL3710004	83-67-0
Calcitriol Impurities	Calcitriol EP Impurity A	VE006889	73837-24-8
Calcitriol Impurities	Calcitriol EP Impurity B	VE006890	66791-71-7
Canagliflozin Impurities	Canagliflozin Desfluoro Impurity	VL2670002	842133-16-8
Canagliflozin Impurities	Canagliflozin Enantiomer Impurity	VL2670001	N/A
Canagliflozin Impurities	Canagliflozin Hydroperoxide Impurity	VL2670003	N/A
Candesartan Impurities	Candesartan Cilexetil EP Impurity E	VL290003	914613-35-7
Candesartan Impurities	Candesartan Impurity 2	VL290002	1225044-20-1
Candesartan Impurities	Candesartan Cilexetil EP Impurity F	VL290004	914613-36-8
Candesartan Impurities	Candesartan Cilexetil EP Impurity H	VL290007	170791-09-0
Candesartan Impurities	Candesartan Trityl Methyl Ether Impurity	VL290008	596-31-6
Candesartan Impurities	Candesartan N2 Trityl Impurity	VL290009	886999-34-4
Candesartan Impurities	O-Desethyl Candesartan Methyl Ester	VL290001	1203674-06-9
Candesartan Impurities	Candesartan Cilexetil EP Impurity B	VL290005	869631-11-8
Candesartan Impurities	Candesartan Cilexetil EP Impurity G	VL290020	139481-59-7
Candesartan Impurities	Candesartan Cilexetil EP Impurity A	VL290022	139481-58-6
Candesartan Impurities	Candesartan N-Cilexetil Impurity	VL290012	145040-37-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Candesartan Impurities	Candesartan Cilexetil EP Impurity C	VL290017	1185255-99-5
Candesartan Impurities	Candesartan Cilexetil EP Impurity D	VL290018	1185256-03-4
Candesartan Impurities	Candesartan Methyl Ester Reduzate (Methyl Ester C5)	VL290019	139481-69-9
Candesartan Impurities	N-Nitrosodiisopropylamine (NDIPA)	VL290023	601-77-4
Candesartan Impurities	N-nitrosoethylisopropylamine (NEIPA)	VL290024	16339-04-1
Candesartan Impurities	N-Nitrosodimethylamine	VL290025	62-75-9
Candesartan Impurities	Candesartan Cilexetil Nitro Impurity	VL290026	N/A
Candesartan Impurities	Candesartan O-Desethyl Analog	VE006447	168434-02-4
Candesartan Impurities	Candestran Inhouse Impurity 1	VE006986	N/A
Candesartan Impurities	Candestran Inhouse Impurity 2	VE006987	N/A
Capecitabine Impurities	Capecitabine EP Impurity A	VL243001	66335-38-4
Capecitabine Impurities	Capecitabine EP Impurity B	VL243002	3094-09-05
Capecitabine Impurities	Capecitabine EP Impurity F	VL243003	921769-65-5
Capecitabine Impurities	Capecitabine EP Impurity C	VL243010	161599-46-8
Capecitabine Impurities	Capecitabine EP Impurity D	VL243008	910129-15-6
Capecitabine Impurities	Capecitabine EP Impurity G	VL243004	162204-20-8
Capecitabine Impurities	Capecitabine USP Impurity H	VL243006	1262133-66-3
Capecitabine Impurities	Capecitabine EP Impurity E	VL243009	162204-30-0
Caprolactam Impurities	Caprolactam Dimer Impurity	VL4820002	N/A
Caprolactam Impurities	Caprolactam Trimer Impurity	VL4820003	N/A
Captopril Impurities	Captopril EP Impurity G	VL2250001	33325-40-5
Captopril Impurities	Captopril EP Impurity A	VE006860	64806-05-9
Carbamazepine Impurities	Carbamazepine EP Impurity A	VL210003	3564-73-6
Carbamazepine Impurities	Carbamazepine EP Impurity B	VL210008	611-64-3
Carbamazepine Impurities	Carbamazepine EP Impurity E	VL210005	494-19-9
Carbamazepine Impurities	Carbamazepine EP Impurity C	VL210002	1219170-51-0
Carbamazepine Impurities	Carbamazepine EP Impurity D	VL210004	256-96-2
Carbamazepine Impurities	Carbamazepine EP Impurity F	VL210009	33948-22-0
Carbamazepine Impurities	Carbamazepine EP Impurity G	VL210010	59690-97-0
Carbamazepine Impurities	Carbamazepine Impurity 9	VL210011	104746-04-5
Carbidopa Impurities	Carbidopa EP Impurity G	VL420001	2503-44-8
Carbidopa Impurities	Carbidopa EP Impurity H	VL420013	1361017-74-4
Carbidopa Impurities	Carbidopa EP Impurity A	VL420005	555-30-6
Carbidopa Impurities	Carbidopa EP Impurity B	VL420003	18181-08-3
Carbidopa Impurities	Carbidopa EP Impurity E	VL420006	52514-63-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Carbidopa Impurities	Carbidopa EP Impurity D	VL420004	934371-48-9
Carbidopa Impurities	Carbidopa EP Impurity F	VL420007	1458640-32-8
Carbidopa Impurities	Carbidopa 3,4 Dihydroxybenzaldehyde	VL420011	139-85-5
Carbidopa Impurities	Carbidopa Related Compound A	VL420010	85933-19-3
Carbidopa Impurities	Carbidopa Impurity 1	VL420009	53832-94-3
Carbidopa Impurities	Carbidopa EP Impurity J	VE006053	43197-33-7
Carbidopa Impurities	Carbidopa EP Impurity I	VE006052	1246819-09-9
Carbidopa Impurities	Carbidopa 6,7-dihydroxy-3-methylcinnoline Impurity	VE006871	1176784-51-2
Carbinoxamine Impurities	Carbinoxamine Related Compound C	VL4700001	N/A
Carbocysteine Impurities	Carbocysteine Lactam Sodium Salt	VE006232	88933-48-6
Carbocysteine Impurities	Carbocysteine Sulfoxide	VE006233	5439-87-2
Carboplatin Impurities	1,1 Cyclobutanedicarboxylic Acid for Carboplatin	VL2550001	5445-51-2
Carboprost Impurities	15 EPI Carboprost	VL3140001	N/A
Carboprost Impurities	Carboprost Trans	VL3140002	76498-29-8
Cariprazine Impurities	2 Nitophenyl Acetic acid	VL2580001	3740-52-1
Cariprazine Impurities	3 Nitophenyl Acetic acid	VL2580002	1877-73-2
Carisoprodol Impurities	Carisoprodol Impurity C	VL1290001	78-26-2
Carvedilol Impurities	Carvedilol EP Impurity E	VL35001	64464-07-9
Carvedilol Impurities	Carvedilol EP Impurity C	VL35003	72955-94-3
Carvedilol Impurities	Carvedilol keto impurity	VL35004	1645285-52-4
Carvedilol Impurities	Carvedilol EP Impurity D	VL35002	51997-51-4
Carvedilol Impurities	Carvedilol 4 Hydroxy Carbazole	VL35008	52602-39-8
Carvedilol Impurities	Carvedilol EP Impurity B	VL35005	918903-20-5
Carvedilol Impurities	Carvedilol EP Impurity A	VL35007	1198090-73-1
Carvedilol Impurities	Carvedilol Bisalkylpyrocatechol Impurity	VL35006	1346602-98-9
Carvedilol Impurities	Carvedilol N isopropyl Impurity	VL35010	1246819-01-1
Carvedilol Impurities	1,3-Cyclohexanedione mono(phenylhydrazone)	VL35009	504-02-9
Carvedilol Impurities	N-Formyl Carvedilol	VE006133	N/A
Carvedilol Impurities	Carvedilol Biscarbazole Impurity	VE006510	1276477-91-8
Carvedilol Impurities	Carvedilol EP Impurity E (free base)	VE006671	N/A
Cefaclor Impurities	Cefaclor EP Impurity A	VL4350001	875-74-1
Cefalexin Impurities	Cefalexin EP Impurity B	VL4340001	22252-43-3
Cefalexin Impurities	Cefalexin EP Impurity C	VL251003	72528-40-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Cefalexin Impurities	Cefalexin EP Impurity D	VL251004	34876-35-2
Cefepime Impurities	Cefepime EP Impurity D	VL4250001	65872-41-5
Cefepime Impurities	Cefepime EP Impurity E	VL4250002	103121-85-3
Cefixime Impurities	Cefixime EP Impurity A	VL32001	1614255-90-1
Cefotaxime Impurities	Desacetyl Cefotaxime Impurity	VL3960001	66340-28-1
Cefpodoxime Impurities	Cefpodoxime Proxetil EP Impurity A	VL1830001	80210-62-4
Cefpodoxime Impurities	Cefpodoxime Proxetil EP Impurity H	VL1830002	947692-16-2
Ceftriaxone Impurity	Ceftriaxone EP Impurity B	VE006842	66340-33-8
Ceftriaxone Impurity	Ceftriaxone EP Impurity C	VE006843	58909-39-0
Ceftriaxone Impurity	Ceftriaxone EP Impurity D	VE006844	80756-85-0
Ceftriaxone Impurity	Ceftriaxone EP Impurity E	VE006845	58909-56-1
Celecoxib Impurities	Celecoxib EP Impurity B	VL30001	331943-04-5
Celecoxib Impurities	Celecoxib 2 methyl analog	VL30010	170569-99-0
Celecoxib Impurities	Celecoxib carboxylic acid impurity	VL30008	170571-01-4
Celecoxib Impurities	Celecoxib Related Compound 4	VL30014	720-94-5
Celecoxib Impurities	Celecoxib EP Impurity A	VL30003	170570-01-1
Celecoxib Impurities	Celecoxib Related Compound C	VL30004	170570-09-9
Celecoxib Impurities	Celecoxib Related Compound D	VL30005	1061214-06-9
Celecoxib Impurities	Celecoxib Impurity 5	VL30009	N/A
Celecoxib Impurities	Celecoxib Impurity IV	VL30011	1803258-57-2
Celecoxib Impurities	Celecoxib Impurity III	VL30012	170569-87-6
Celecoxib Impurities	Celecoxib Hydrazine Impurity	VL30015	17852-52-7
Cephalexin Impurities	Cephalexin Impurity J	VL251001	52210-38-5
Cephalexin Impurities	Cephalexin Impurity K	VL251002	N/A
Cetirizine Impurities	Cetirizine 4 chlorobenzhydrol Impurity	VL330010	119-56-2
Cetirizine Impurities	Cetirizine 4 chlorobenzophenone Impurity	VL330011	134-85-0
Cetirizine Impurities	Cetirizine EP Impurity A	VL330001	303-26-4
Cetirizine Impurities	Cetirizine EP Impurity B	VL330002	942132-30-1
Cetirizine Impurities	Cetirizine EP Impurity D Dihydrochloride	VL330004	346451-15-8
Cetirizine Impurities	Cetirizine EP Impurity E	VL330005	682323-77-9
Cetirizine Impurities	Cetirizine EP Impurity F (free base)	VE006644	83881-53-2
Cetirizine Impurities	Cetirizine EP Impurity G (free base)	VE006557	109806-71-5
Cetirizine Impurities	Cetirizine Methacathinone	VL330009	5650-44-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Cetirizine Impurities	Cetirizine N oxide	VL330008	1076199-80-8
Cetirizine Impurities	Cetirizine Polyethylene Glycol PEG Ester	VL330013	1509941-93-8
Cetirizine Impurities	Racemic Cetirizine Dihydrochloride	VL330015	83881-52-1
Cetirizine Impurities	Cetirizine EP Impurity C	VL330003	83881-59-8
Cetirizine Impurities	Cetirizine Glycerol Ester Dihydrochloride	VL330019	1243652-36-9
Cetirizine Impurities	Cetirizine Isopropyl Ester Impurity	VL330016	324047-27-0
Cetirizine Impurities	Cetirizine Methyl ester Impurity	VL330012	83881-46-3
Cetirizine Impurities	3 Chloro Cetirizine	VL330018	1232460-29-5
Cetirizine Impurities	Cetirizine Lactose Ester (USP)	VL330020	N/A
Cetirizine Impurities	Cetirizine Related Compound A	VL330021	246870-46-2
Cetirizine Impurities	Propylene glycol ester of cetirizine (Diastereomer 1 Impurity)	VL330022	N/A
Cetirizine Impurities	Propylene glycol ester of cetirizine (Diastereomer 2 Impurity)	VL330023	N/A
Cetirizine Impurities	Cetirizine IH Impurity B ((4,4-Dichloro benzhydryl piperazine HCl)	VL330024	27469-61-0
Cetirizine Impurities	Cetirizine EP Impurity B(free base)	VE006643	942193-17-1
Cetirizine Impurities	Isomers of Propylene glycol ester cetirizine	VL330026	N/A
Cetylpyridinium Impurities	Cetylpyridinium Chloride (USP)	VL2850001	6004-24-6
Cevimeline Impurities	Cevimeline Sulfoxide Impurity	VL4620001	124751-36-6
Cevimeline Impurities	Cevimeline N-Oxide	VE006352	469890-14-0
Cevimeline Impurities	Cevimeline 3-Hydroxy 3-Mercaptomethyl Impurity	VE006353	107220-26-8
Cevimeline Impurities	Cevimeline Diol Impurity	VE006354	61573-79-3
Cevimeline Impurities	Trans Cevimeline Hydrochloride	VE006355	107220-29-1
Chemical Impurities	Piperazinylpropyl Pentahydroxyhexyl Phosphate	VE006891	N/A
Chemical Impurities	Chlorodiazinonyl Pentahydroxyhexyl Phosphate	VE006892	N/A
Chemical Impurities	2-Isopropoxyethanol	VE007386	109-59-1
Chlordiazepoxide Impurities	Chlordiazepoxide EP impurity B	VL3650001	5958-24-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Chlordiazepoxide Impurities	Chlordiazepoxide EP Impurity C	VL3650003	719-59-5
Chlordiazepoxide Impurities	Chlordiazepoxide Related Compound A	VL3650002	963-39-3
Chlorhexidine Impurities	Chlorhexidine EP Impurity A	VL4440001	152504-08-0
Chloroquine Impurities	Chloroquine Related Compound E	VE005912	5428-61-5
Chloroquine Impurities	Chloroquine Related Compound A	VE005910	N/A
Chloroquine Impurities	Chloroquine Related Compound G	VE000083	N/A
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity A	VL2340004	1246816-57-8
Chlorpheniramine Impurities	Chlorpheniramine N Oxide	VL2340005	120244-82-8
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity C	VL2340002	20619-12-9
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity D	VL2340003	65676-21-3
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity B	VL2340001	1202-34-2
Chlorpheniramine Impurities	Chlorpheniramine Related Compound C	VL2340006	22630-25-7
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity D (Maleate salt)	VE006694	N/A
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity A (Maleate)	VE006697	N/A
Chlorpheniramine Impurities	Chlorpheniramine EP Impurity B (Maleate)	VE006696	N/A
Chlorpromazine Impurities	Chlorpromazine EP Impurity A	VL2300002	969-99-3
Chlorpromazine Impurities	Chlorpromazine EP Impurity D	VL2300001	3953-65-9
Chlorpromazine Impurities	Chlorpromazine EP Impurity F	VL2300004	13094-24-1
Chlorpromazine Impurities	Chlorpromazine EP Impurity E	VL2300003	92-39-7
Chlorpromazine Impurities	Chlorpromazine N oxide	VL2300007	1672-76-0
Chlorpromazine Impurities	Chlorpromazine Sulfoxide N-oxide Impurity	VL2300008	10404-90-7
Chlorpromazine Impurities	Chlorpromazine EP Impurity C	VL2300009	N/A
Chlorpromazine Impurities	Chlorpromazine EP Impurity B	VL2300005	19077-20-4
Chlorpromazine Impurities	Chlorpromazine Brompromazine Hydrochloride	VL2300006	15502-93-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Chlorpromazine Impurities	Chlorpromazine (3-chloro-N-methylpropan-1-amine Hydrochloride)	VL2300010	97145-88-5
Chlorpromazine Impurities	Chlorpromazine EP Impurity G	VE006543	1622313-77-2
Chlortetracycline Impurities	Chlortetracycline EP Impurity A	VE006508	101342-45-4
Chlorthalidone Impurities	Chlorthalidone EP Impurity C	VL1090005	92874-73-2
Chlorthalidone Impurities	Chlorthalidone EP impurity D	VL1090006	1369995-36-7
Chlorthalidone Impurities	Chlorthalidone EP Impurity A	VL1090004	N/A
Chlorthalidone Impurities	Chlorthalidone EP Impurity E	VL1090007	82875-49-8
Chlorthalidone Impurities	Chlorthalidone EP Impurity F	VL1090010	1796929-84-4
Chlorthalidone Impurities	Chlorthalidone EP Impurity G	VL1090002	16289-13-7
Chlorthalidone Impurities	Chlorthalidone Impurity J	VL1090011	956-92-3
Chlorthalidone Impurities	Chlorthalidone EP Impurity H	VL1090008	N/A
Chlorthalidone Impurities	Chlorthalidone EP Impurity I	VL1090009	N/A
Chlorzoxazone Impurities	3 Chloroaniline	VL3740002	108-42-9
Chlorzoxazone Impurities	Chlorzoxazone Related Compound A	VL3740001	95-85-2
Cilnidipine Impurities	3 Nitro Benzaldehyde Cilnidipine Impurity	VL3910001	99-61-6
Cilostazol Impurities	Cilostazol Related Compound C	VE006098	865792-18-3
Cilostazol Impurities	Cilostazol Related Compound B	VE006097	73963-62-9
Cilostazol Impurities	Cilostazol Related Compound A	VE006096	54197-66-9
Cimetidine Impurities	Cimetidine EP Impurity F	VL1900001	55272-86-1
Cimetidine Impurities	Cimetidine EP Impurity B	VL1900002	138035-55-9
Cimetidine Impurities	Cimetidine EP Impurity A	VE006609	52378-40-2
Cimetidine Impurities	Cimetidine EP Impurity C (free base)	VE006610	77076-18-7
Cimetidine Impurities	Cimetidine EP Impurity D(free base)	VE006611	70172-53-1
Cimetidine Impurities	Cimetidine EP Impurity E	VE006612	54237-72-8
Cimetidine Impurities	Cimetidine EP Impurity G	VE006613	1609-06-9
Cimetidine Impurities	Cimetidine EP Impurity H	VE006614	74886-59-2
Cinacalcet Impurities	Cinacalcet Impurity C	VL231009	955373-56-5
Cinacalcet Impurities	Cinacalcet Related Compound D	VL231008	694495-47-1
Cinacalcet Impurities	Cinacalcet Impurity D	VL231004	1271930-15-4
Cinacalcet Impurities	Cinacalcet N Oxide Impurity	VL2310016	1229224-94-5
Cinacalcet Impurities	Cinacalcet Alcohol Impurity	VL2310041	78573-45-2
Cinacalcet Impurities	Cinacalcet Impurity A	VL231001	3886-70-2
Cinacalcet Impurities	Cinacalcet Regio - Isomer	VL2310010	N/A
Cinacalcet Impurities	Cinacalcet 4-CF3 -Isomer	VL2310011	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Cinacalcet Impurities	Cinacalcet Impurity J	VL2310012	N/A
Cinacalcet Impurities	Cinacalcet Phenyl Isomer Impurity	VL2310013	N/A
Cinacalcet Impurities	Cinacalcet Impurity L	VL2310014	N/A
Cinacalcet Impurities	Cinacalcet EP Impurity K	VL2310017	N/A
Cinacalcet Impurities	Cinacalcet Impurity B	VL2310018	N/A
Cinacalcet Impurities	Cinacalcet 5-Ethanol Impurity	VL2310019	N/A
Cinacalcet Impurities	Cinacalcet 6-Ethanol Impurity	VL2310020	7228-47-9
Cinacalcet Impurities	Cinacalcet 5-YI Formamide Impurity	VL2310021	49681-33-6
Cinacalcet Impurities	Cinacalcet 6 Formamide Impurity	VL2310022	650608-25-6
Cinacalcet Impurities	Cinacalcet 6 - Ethanamine Impurity	VL2310023	3906-16-9
Cinacalcet Impurities	Cinacalcet 4 - TF Benzaldehyde Impurity	VL2310024	455-19-6
Cinacalcet Impurities	Cinacalcet 2 - TF Benzaldehyde Impurity	VL2310025	447-61-0
Cinacalcet Impurities	Cinacalcet 3 - TF Benzaldehyde Impurity	VL2310026	454-89-7
Cinacalcet Impurities	Cinacalcet 6-Ethanone Impurity	VL2310027	N/A
Cinacalcet Impurities	Cinacalcet Mesylate Analog	VL2310030	N/A
Cinacalcet Impurities	Cinacalcet Impurity G	VL2310035	1428185-71-0
Cinacalcet Impurities	Cinacalcet Impurity I	VL2310037	585-50-2
Cinacalcet Impurities	Cinacalcet Impurity 7	VL2310042	N/A
Cinacalcet Impurities	Cinacalcet Impurity 6	VL2310043	941-98-0
Cinacalcet Impurities	Cinacalcet Impurity 26	VL2310044	42882-31-5
Cinacalcet Impurities	Cinacalcet Impurity 27	VL2310045	10420-89-0
Cinacalcet Impurities	Cinacalcet Impurity E	VL231005	253337-60-9
Cinacalcet Impurities	Cinacalcet Impurity F	VL231006	1271930-12-1
Cinacalcet Impurities	Cinacalcet Z-Isomer	VL2310047	N/A
cinnamic Acid impurities	Cinacalcet Impurity 22	VE006660	779-89-5
Cinnarizine Impurities	Cinnarizine EP Impurity A	VL195001	841-77-0
Cinnarizine Impurities	Cinnarizine EP Impurity E	VL195002	216581-01-0
Cinnarizine Impurities	Cinnarizine EP Impurity B	VL195003	750512-44-8
Cinnarizine Impurities	Cinnarizine EP Impurity C	VL195004	95062-18-3
Cinnarizine Impurities	Cinnarizine EP Impurity D	VL195005	1199751-98-8
Ciprofibrate Impurities	Ciprofibrate EP Impurity D	VL3130005	130232-51-8
Ciprofibrate Impurities	Ciprofibrate EP Impurity E	VL3130006	52179-28-9
Ciprofibrate Impurities	Ciprofibrate EP Impurity A	VL3130002	1474058-89-3
Ciprofibrate Impurities	Ciprofibrate EP Impurity B	VL3130003	52179-26-7
Ciprofibrate Impurities	Ciprofibrate EP Impurity C	VL3130004	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Ciprofloxacin Impurities	Ciprofloxacin EP Impurity F	VL204001	226903-07-7
Ciprofloxacin Impurities	Ciprofloxacin EP Impurity C	VL204002	528851-31-2
Ciprofloxacin Impurities	Ciprofloxacin EP Impurity E	VL204003	105394-83-0
Ciprofloxacin Impurities	Ciprofloxacin EP Impurity B	VL204005	N/A
Ciprofloxacin Impurities	Ciprofloxacin EP Impurity A	VL204004	86393-33-1
Ciprofloxacin Impurities	Ciprofloxacin EP Impurity D	VL204006	526204-10-4
Ciprofloxacin Impurities	N-ethoxy Carbonyl Ciprofloxacin Impurity	VL204010	93594-29-7
Ciprofloxacin Impurities	Ciprofloxacin N-Formyl Impurity	VL204011	93594-39-9
Ciprofloxacin Impurities	Chloro ciprofloxacin	VL204008	93106-58-2
Citalopram Impurities	Citalopram EP Impurity E	VL920001	64169-46-6
Citalopram Impurities	Citalopram N Oxide	VL920005	62498-71-9
Citalopram Impurities	Citalopram EP Impurity G	VL920004	1329745-98-3
Citalopram Impurities	Citalopram Descyano Impurity	VL920003	390817-87-5
Citalopram Impurities	Citalopram EP Impurity A	VL920006	64372-56-1
Citalopram Impurities	Citalopram EP Impurity F	VL920002	64169-39-7
Citalopram Impurities	Citalopram EP Impurity D	VL920007	62498-67-3
Citalopram Impurities	Citalopram EP Impurity C	VL920008	372941-54-3
Citalopram Impurities	Citalopram Didesmethyl Impurity	VE006519	62498-69-5
Citric Acid Impurities	Citric Acid Impurity	VL257001	77-92-9
Clarithromycin Impurities	Clarithromycin EP Impurity C	VL740001	127253-06-9
Clarithromycin Impurities	Clarithromycin EP Impurity D	VL740002	101666-68-6
Clarithromycin Impurities	Clarithromycin EP Impurity M	VL740003	127182-43-8
Clarithromycin Impurities	Clarithromycin EP Impurity F	VL740004	128940-83-0
Clarithromycin Impurities	Clarithromycin EP Impurity L	VL740005	127253-05-8
Clarithromycin Impurities	Clarithromycin EP Impurity H	VL740006	127140-69-6
Clarithromycin Impurities	Clarithromycin EP Impurity I	VL740007	118058-74-5
Clarithromycin Impurities	Clarithromycin EP Impurity G	VL740008	127182-44-9
Clarithromycin Impurities	Clarithromycin EP Impurity K	VL740010	127157-35-1
Clarithromycin Impurities	Clarithromycin EP Impurity N	VL740011	144604-03-5
Clarithromycin Impurities	Clarithromycin EP Impurity J	VL740012	13127-18-9
Clarithromycin Impurities	Clarithromycin EP Impurity Q	VL740013	118074-07-0
Clarithromycin Impurities	Clarithromycin EP Impurity E	VL740009	81103-14-2
Clarithromycin Impurities	Clarithromycin EP Impurity A	VL740014	N/A
Clarithromycin Impurities	Clarithromycin EP Impurity O	VL740015	127252-80-6
Clarithromycin Impurities	Clarithromycin EP Impurity P	VL740016	123967-58-8
Clenbuterol Impurities	Clenbuterol EP Impurity B	VL4490001	69708-36-7
Clidinium Impurities	Clidinium Bromide 3 -Quinuclidinyl Benzylate	VL3510001	N/A
Clindamycin Impurities	Clindamycin Sulfoxide Impurity	VL1030006	22431-46-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Clindamycin Impurities	Clindamycin Phosphate EP Impurity A	VL1030001	154-21-2
Clindamycin Impurities	Clindamycin Phosphate EP Impurity B	VL1030002	54887-31-9
Clindamycin Impurities	Clindamycin Phosphate EP Impurity C	VL1030004	28708-34-1
Clindamycin Impurities	Clindamycin Phosphate EP Impurity E	VL1030007	21462-39-5
Clindamycin Impurities	Clindamycin Phosphate EP Impurity L	VE005873	620181-05-7
Clindamycin Impurities	Clindamycin phosphate EP Impurity K	VL1030005	N/A
Clindamycin Impurities	Clindamycin Phosphate EP Impurity G	VE006094	N/A
Clindamycin Impurities	Clindamycin phosphate EP Impurity D	VE005869	54887-30-8
Clindamycin Impurities	Clindamycin phosphate EP Impurity F	VL1030010	27480-30-4
Clindamycin Impurities	Clindamycin phosphate EP Impurity H	VE005867	N/A
Clindamycin Impurities	Clindamycin phosphate EP Impurity I	VE005868	N/A
Clindamycin Impurities	Clindamycin phosphate EP Impurity J	VE005870	1309349-64-1
Clioquinol	Clioquinol EP Impurity A	VE006808	130-16-5
Clioquinol	Clioquinol EP Impurity B	VE006809	773-76-2
Clioquinol	Clioquinol EP Impurity C	VE006810	83-73-8
Clobazam Impurities	Clobazam Impurity F	VL2500002	2089061-92-5
Clobazam Impurities	Clobazam EP Impurity E	VL2500004	75524-13-9
Clobazam Impurities	Clobazam EP Impurity C	VL2500003	22316-16-1
Clobazam Impurities	Clobazam EP Impurity B	VL2500005	22316-24-1
Clobazam Impurities	Clobazam EP Impurity A	VL2500006	22316-55-8
Clobazam Impurities	Clobazam EP Impurity D	VL2500001	2092997-47-0
Clobetasol Impurities	Clobetasol Propionate EP Impurity B	VL1950003	1356190-17-4
Clobetasol Impurities	Clobetasol Propionate EP Impurity C	VL1950004	25122-52-5
Clobetasol Impurities	Clobetasol Propionate EP Impurity D	VL1950002	25120-99-4
Clobetasol Impurities	Clobetasol Propionate EP Impurity J	VL1950005	1486466-31-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Clobetasol Impurities	Clobetasol Impurity E	VL1950006	N/A
Clofazimine Impurities	Clofazimine EP Impurity B	VL1600002	2158184-11-1
Clofazimine Impurities	Clofazimine EP Impurity A	VL1600001	102262-55-5
Clomipramine Impurities	Clomipramine EP Impurity B	VL2540001	113-52-0
Clomipramine Impurities	Clomipramine EP Impurity C	VL2540006	N/A
Clomipramine Impurities	Clomipramine EP Impurity D	VL2540007	3589-22-8
Clomipramine Impurities	Clomipramine EP Impurity G	VL2540003	1425793-87-8
Clomipramine Impurities	Clomipramine EP Impurity A	VE006547	2305824-51-3
Clomipramine Impurities	Clomipramine EP Impurity E	VL2540004	N/A
Clomipramine Impurities	Clomipramine EP Impurity F	VL2540005	32943-25-2
Clomipramine Impurities	Clomipramine N-Oxide	VL2540008	14171-67-6
Clonazepam Impurities	Clonazepam EP Impurity A	VL1460003	2011-66-7
Clonazepam Impurities	Clonazepam Related Compound C	VL1460004	52130-87-7
Clonazepam Impurities	Clonazepam Phthalimido Inhouse Impurity	VE006731	N/A
Clonidine Impurities	Clonidine 2,6-Dichloroaniline Impurity	VL281001	608-31-1
Clonidine Impurities	Clonidine 2 6 Dichloroformanilide Impurity	VL281002	10113-35-6
Clonidine Impurities	Clonidine 2 6 Dichloroacetanilide Impurity	VL281003	17700-54-8
Clonidine Impurities	Clonidine Impurity II	VL281004	21709-18-2
Clonidine Impurities	Clonidine EP Impurity A	VL281007	5391-39-9
Clonidine Impurities	Clonidine Related Compound A	VL281008	54707-71-0
Clonidine Impurities	1-(2,6-dichlorophenyl) guanidine	VL281009	39075-78-0
Clonidine Impurities	Clonidine Related Compound B	VE006800	N/A
Clopidogrel Impurities	Clopidogrel Related Compound B	VL31009	144750-52-7
Clopidogrel Impurities	Clopidogrel EP Impurity A	VL31003	144457-28-3
Clopidogrel Impurities	Clopidogrel EP Impurity C	VL31004	120202-71-3
Clopidogrel Impurities	Clopidogrel Impurity 2	VL31013	1396607-49-0
Clopidogrel Impurities	Clopidogrel Impurity 3	VL31008	141109-18-4
Clopidogrel Impurities	Clopidogrel Racemic Mixture	VL31005	N/A
Clopidogrel Impurities	Clopidogrel Acid	VL31007	90055-55-3
Clopidogrel Impurities	Clopidogrel EP Impurity D	VL31011	1421283-60-4
Clopidogrel Impurities	Clopidogrel In house Impurity E	VL31014	N/A
Clopidogrel Impurities	Clopidogrel Thienopyridine Impurity	VE006548	28783-41-7
Clopidogrel Impurities	Clopidogrel EP Impurity F (Bisulphate)	VE006553	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Clopidogrel Impurities	Clopidogrel EP Impurity B	VL31002	N/A
Clorazepate impurities	Ethyl Clorazepate	VE006730	5606-55-3
Clotrimazole Impurities	Clotrimazole EP Impurity A	VL164001	66774-02-5
Clotrimazole Impurities	Clotrimazole EP Impurity B	VL164004	23593-71-7
Clotrimazole Impurities	Clotrimazole EP Impurity E	VL164002	5162-03-08
Clotrimazole Impurities	Clotrimazole EP Impurity F	VL164003	15469-97-3
Clotrimazole Impurities	Clotrimazole EP Impurity D	VL164005/ VL1360009	N/A
Cloxacillin Impurities	Cloxacillin EP Impurity D	VL4390001	23598-72-3
Clozapine Impurities	Clozapine EP Impurity A	VL1310001	50892-62-1
Clozapine Impurities	Clozapine EP Impurity B	VL1310002	263366-81-0
Clozapine Impurities	Clozapine EP Impurity C	VL1310003	6104-71-8
Clozapine Impurities	Clozapine EP Impurity D	VL1310004	65514-71-8
Clozapine Impurities	Clozapine N-Oxide Impurity	VE006464	34233-69-7
Codein Impurities	3-O-(Codein-2yl)morphine	VE006911	N/A
Colchicine Impurities	Colchicine EP Impurity A	VL3080004	7411-12-3
Colchicine Impurities	Colchicine EP Impurity C	VL3080006	6901-13-9
Colchicine Impurities	Colchicine EP Impurity D	VL3080007	477-29-2
Colchicine Impurities	Colchicine EP Impurity E	VL3080005	7336-33-6
Colchicine Impurities	Colchicine EP Impurity F	VL3080002	477-27-0
Colchicine Impurities	Colchicine Lumicolchicine	VE006847	6901-14-0
Colchicine Impurities	Colchicine EP Impurity B	VE007041	N/A
Colesevelam Impurities	Colesevelam Impurity 1	VL187001	32765-81-4
Colesevelam Impurities	Colesevelam Impurity 5	VL187005	143-09-9
Colesevelam Impurities	Colesevelam Impurity 6	VL187006	1120-49-6
Colesevelam Impurities	Colesevelam Impurity 2	VL187002	33968-67-1
Colesevelam Impurities	Colesevelam Methoxyquat Impurity	VL187008	863031-14-5
Colesevelam Impurities	Colesevelam Impurity 3	VL187003	N/A
Colesevelam Impurities	Colesevelam Impurity 4	VL187004	N/A
Colesevelam Impurities	Colesevelam Impurity 7	VL187007	N/A
Colesevelam Impurities	Colesevelam Impurity 3 (HBr salt)	VE006723	2247938-20-9
Cyclizine Impurities	Cyclizine EP Impurity A	VL1980001	109-01-3
Cyclizine Impurities	Cyclizine EP Impurity B	VL1980002	91-01-0
Cyclobenzaprine Impurities	Cyclobenzaprine Related Compound B	VL1800001	438-59-5
Cyclobenzaprine Impurities	Cyclobenzaprine N-oxide impurity	VL1800006	6682-26-4
Cyclobenzaprine Impurities	Cyclobenzaprine Related Compound A	VL1800002	18029-54-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Cyclobutane Impurities	Cyclobutane Carboxylic Acid	VL2550002	3721-95-7
Cyclopentolate Impurities	Cyclopentolate EP Impurity C	VE006245	113079-81-5
Cyclophosphamide Impurities	Cyclophosphamide Related Compound A	VL165001	821-48-7
Cyclophosphamide Impurities	Cyclophosphamide Related Compound B	VL165006	158401-52-6
Cyclophosphamide Impurities	Cyclophosphamide Related Compound D	VL165002	158401-51-5
Cyclophosphamide Impurities	Cyclophosphamide Related Compound C	VL165003	1071-28-9
Cyclophosphamide Impurities	Dihydroxycyclophosphamide	VE006893	90632-33-0
Cyclophosphamide Impurities	Chlorodiazinonyl phosphamide	VE006894	N/A
Cyclophosphamide Impurities	Cyclophosphamide Pyrophosphate Analog	VE006895	N/A
Cyclophosphamide Impurities	Cyclophosphamide Ring Open Dimer Impurity	VE006896	N/A
Cycloserine Impurities	Cycloserine Dimer CL4 Impurity	VL1050001	16337-02-3
Cyclosporine Impurities	Cyclosporine Impurity B	VL1050004	63775-95-1
Cyclosporine Impurities	Cyclosporine Impurity D	VL1050005	63775-96-2
Cyclosporine Impurities	Cyclosporine Impurity H	VL1050002	83602-43-1
Cyclosporine Impurities	Cyclosporine Impurity C	VL1050009	59787-61-0
Cyclosporine Impurities	Cyclosporin Dihydro Impurity A	VL1050014	59865-15-5
Cyproheptadine Impurities	Cyproheptadine N-Oxide Impurity	VL3110001	100295-63-4
Cyproheptadine Impurities	Cyproheptadine EP Impurity A	VE006676	256-81-5
DABI Impurities	DABI Impurity 2	VL42100001	42288-26-6
Dabigatran Impurities	Dabigatran impurity 8	VL1760005	872728-81-9
Dabigatran Impurities	Dabigatran Impurity P	VL1760001	1408238-37-8
Dabigatran Impurities	Dabigatran Impurity 2	VL1760002	42288-26-6
Dabigatran Impurities	Dabigatran Etxilate Mesylate Impurity A	VE006258	N/A
Dabigatran Impurities	Dabigatran Etxilate Mesylate Impurity B	VE006259	N/A
Dabigatran Impurities	Dabigatran Etxilate Mesylate Impurity C	VE006260	N/A
Dabigatran Impurities	Dabigatran Etxilate Mesylate Impurity D	VE006268	N/A
Daclatasvir Impurity	Daclatasvir RSSR Isomer	VE006848	1009107-27-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Dalfampridine Impurities	Dalfampridine (N-4-Pyridyl)-2Hydroxy butyramide	VL2800002	1864897-67-5
Dalfampridine Impurities	Dalfampridine N-Formyl Impurity	VL2800001	22236-91-5
Dantrolene Impurities	Dantrolene Related Compound A	VE006881	301359-05-7
Dantrolene Impurities	Dantrolene Related Compound B	VE006882	57268-33-4
Dapagliflozin Impurities	Dapagliflozin Hydroxy impurity	VL1650007	1204222-85-4
Dapagliflozin Impurities	Dapagliflozin Keto Impurity	VL1650008	2169998-23-4
Dapagliflozin Impurities	Dapagliflozin Impurity 19	VL1650015	21739-92-4
Dapagliflozin Impurities	Dapagliflozin Impurity 18	VL1650014	103-73-1
Dapagliflozin Impurities	Dapagliflozin Alpha Isomer	VL1650001	1373321-04-0
Dapagliflozin Impurities	Dapagliflozin Methoxy Impurity	VL1650002	714269-57-5
Dapagliflozin Impurities	Dapagliflozin Bromo Compound	VL1650003	461432-23-5
Dapagliflozin Impurities	Dapagliflozin Acetyl Impurity	VL1650004	1632287-34-3
Dapagliflozin Impurities	Dapagliflozin Bromo Lactone Impurity	VL1650005	N/A
Dapagliflozin Impurities	O-Desethyl Dapagliflozin	VL1650009	864070-37-1
Dapagliflozin Impurities	Dapagliflozin Desethoxy Impurity	VL1650012	N/A
Dapagliflozin Impurities	Dapagliflozin Impurity 15	VL1650013	N/A
Dapagliflozin Impurities	Dapagliflozin Open Ring Impurity	VL1650016	2100872-88-4
Dapagliflozin Impurities	Dapagliflozin C2 Epimer	VE006145	2133407-75-5
Dapagliflozin Impurities	Dapagliflozin Impurity 57	VE006376	1662702-90-0
Dapagliflozin Impurities	Dapagliflozin Impurity 58	VE006377	1528636-07-8
Dapagliflozin Impurities	Dapagliflozin 5- Member Ring Impurity	VE006378	1469910-70-0
Dapagliflozin Impurities	Dapagliflozin Bromomethanone	VE006597	461432-22-4
Dapagliflozin Impurities	Dapagliflozin Tetraacetate	VE006659	461432-25-7
Dapoxetine Impurities	Dapoxetine N-Desmethyl	VE006919	119357-18-5
Dapoxetine Impurities	N-Desmethyl Dapoxetine HCL	VE006920	157166-71-7
Dapsone Impurities	Dapsone In-House Impurity B	VL2890002	N/A
Dapsone Impurities	Dapsone In-House Impurity C	VL2890003	N/A
Dapsone Impurities	Dapsone In-House Impurity D	VL2890004	N/A
Dapsone Impurities	Dapsone In-House Impurity E	VL2890005	N/A
Dapsone Impurities	Dapsone Impurity 12	VL2890006	80-09-1
Dapsone Impurities	Dapsone Impurity 1	VL2890007	80-00-2
Dapsone Impurities	Dapsone Impurity 11	VL2890008	80-07-9
Dapsone Impurities	Dapsone Impurity 13	VL2890009	599-61-1
Darifenacin Impurities	Darifenacin Cyano Pyrrolidine Impurity	VL1530005	133099-11-3
Darifenacin Impurities	Darifenacin Bromo impurity	VL1530004	127264-14-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Darifenacin Impurities	Darifenacin Impurity A	VL1530001	1048979-16-3
Darifenacin Impurities	R-Isomer of Darifenacin Hydrobromide	VL1530002	1092800-15-1
Darifenacin Impurities	Darifenacin Impurity 3	VL1530006	86-29-3
Darifenacin Impurities	1-Tosyl-3-pyrrolidinol Tosylate (Darifenacin Impurity)	VL1530007	131912-34-0
Darifenacin Impurities	2,3-dihydro-1-benzofuran-5-yl-acetic acid (Darifenacin Impurity)	VL1530008	69999-16-2
Darifenacin Impurities	Darifenacin N-Oxide	VL1530009	1391080-40-2
Darunavir Impurities	Darunavir Diastereomer (1S, 2S)	VL3430001	1402142-63-5
Darunavir Impurities	Darunavir Impurity 21	VL3430002	98-74-8
Darunavir Impurities	Darunavir Impurity 22	VL3430003	98737-29-2
Dasatinib Impurities	Dasatinib N-Oxide	VL4870001	910297-52-8
Decitabine Impurities	Decitabine related Compound B	VE006538	1034301-08-0
Decitabine Impurities	Decitabine related Compound A	VE006537	1207459-15-1
Decitabine Impurities	Decitabine related Compound C	VE006539	1140891-02-6
Decitabine Impurities	Decitabine related Compound D	VE006540	1126-46-1
Deferasirox Impurities	Deferasirox Impurity A	VL4220001	N/A
Deferasirox Impurities	Deferasirox Impurity B	VL4220002	N/A
Deferasirox Impurities	Defirasirox Benzamide Impurity	VL4220003	65-45-2
Deferasirox Impurities	Deferasirox Methyl Ester Impurity	VE006346	1266741-05-2
Desloratadine Impurities	Desloratadine Related Compound F	VL41001	117810-61-4
Desloratadine Impurities	Desloratadine N Oxide	VL41002	169253-26-3
Desloratadine Impurities	Desloratadine N-Hydroxypiperidine	VL41003	1193725-73-3
Desloratadine Impurities	Desloratadine EP Impurity C	VL41009	79794-75-5
Desloratadine Impurities	Desloratadine N Acetyl Impurity	VL41004	117796-52-8
Desloratadine Impurities	Desloratadine EP Impurity B	VL41005	183198-49-4 (base) ; 432543-89-0 (HCl)
Desloratadine Impurities	Dechloro Desloratadine	VL41006	117811-13-9
Desloratadine Impurities	Dehydro Desloratadine	VL41007	117811-20-8
Desloratadine Impurities	Fluoro Desloratadine	VL41008	298220-99-2
Desloratadine Impurities	Desloratadine EP Impurity A	VL41010	N/A
Desloratadine Impurities	Desloratadine N-Carboxylic Acid Methyl Ester	VL41011	165740-03-4
Desonide Impurities	Desonide Impurity 2	VL3830001	5541-37-7
Desvenlafaxine Impurities	Desvenlafaxine N-Oxide	VL2040002	1021933-95-8
Desvenlafaxine Impurities	Desvenlafaxine Phenol Impurity	VL2040003	539-15-1
Desvenlafaxine Impurities	Didesmethyl Desvenlafaxine	VL2040004	149289-29-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Desvenlafaxine Impurities	Desvenlafaxine Related Compound B	VL2040005	135308-74-6
Desvenlafaxine Impurities	Desvenlafaxine Benzyl Ether Impurity	VE006220	93413-61-7
Dexamethasone Impurities	17-Oxo Dexamethasone	VL273001	1880-61-1
Dexamethasone Impurities	Dexamethasone EP impurity D	VL273018	24916-90-3
Dexamethasone Impurities	Dexamethasone EP Impurity K	VL273007	1809224-82-5
Dexamethasone Impurities	21 Dehydro Dexamethasone	VL273008	2964-79-6
Dexamethasone Impurities	17 Desoxy of Dexamethasone	VL273004	N/A
Dexamethasone Impurities	Dexamethasone EP Impurity H	VL273024	10106-41-9
Dexamethasone Impurities	Dexamethasone EP Impurity B	VL273010	378-44-9
Dexamethasone Impurities	Dexamethasone EP Impurity F	VL273011	382-67-2
Dexamethasone Impurities	Dexamethasone EP Impurity G	VL273012	1177-87-3
Dexamethasone Impurities	Dexamethasone EP Impurity E	VL273016	13209-41-1
Dexamethasone Impurities	Dexamethasone EP Impurity C	VL273017	426-17-5
Dexamethasone Impurities	Dexamethasone Acetate EP Impurity C	VL273019	N/A
Dexamethasone Impurities	21-dehydro-17-deoxy dexamethasone	VL273020	N/A
Dexamethasone Impurities	Dexamethasone Acetate EP Impurity A	VL273021	50-02-2
Dexamethasone Impurities	Dexamethasone Acetate EP Impurity D	VL273022	987-24-6
Dexamethasone Impurities	17 β -Carboxy-17-Desoxy Dexamethasone	VL273002	75262-69-0
Dexamethasone Impurities	Dexamethasone- Δ 17,20 21-Aldehyde	VL273003	6762-51-2
Dexamethasone Impurities	9-Desfluoro-11-Keto Dexamethasone	VL273005	N/A
Dexamethasone Impurities	Dexamethasone Impurity 4	VE005952	N/A
Dexamethasone Impurities	Dexamethasone 17-Ketone	VE005887	N/A
Dexamethasone Impurities	Dexamethasone Impurity 7	VE005888	N/A
Dexamethasone Impurities	Dexamethasone ethyl ester Impurity	VE006194	N/A
Dexamethasone Impurities	Dexamethasone sodium phosphate EP Impurity C	VE006237	N/A
Dexamethasone Impurities	Dexamethasone sodium phosphate EP Impurity E	VE006239	N/A
Dexamethasone Impurities	Dexamethasone Sodium Phosphate EP Impurity F	VE006240	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Dexamethasone Impurities	Dexamethasone Sodium Phosphate EP Impurity H	VE006241	162968-22-1
Dexamethasone Impurities	Dexamethasone Sodium Phosphate Diester	VE006242	N/A
Dexamethasone Impurities	Dexamethasone Desfluoro 11-Epimer	VE006401	78761-59-8
Dexamethasone Impurities	Dexamethasone Acetate EP Impurity I	VE005877	N/A
Dexamethasone Impurities	Dexamethasone EP Impurity I	VL273006	14622-47-0
Dexlansoprazole Impurities	Dexlansoprazole Impurity 6	VL4570003	N/A
Dexmedetomidine Impurities	Dexmedetomidine Impurity 6	VL520006	86347-15-1
Dexmedetomidine Impurities	Dexmedetomidine Impurity 5	VL520005	113775-47-6
Dexmedetomidine Impurities	Dexmedetomidine Impurity 4	VL520004	N/A
Dexmedetomidine Impurities	Dexmedetomidine Impurity 3	VL520003	N/A
Dexmedetomidine Impurities	Dexmedetomidine Ketone Impurity	VL520008	N/A
Dexmedetomidine Impurities	Dexmedetomidine Impurity 1	VL520001	86347-12-8
Dexmedetomidine Impurities	Dexmedetomidine Impurity 2	VL520002	N/A
Dexmedetomidine Impurities	Dexmedetomidine Olefine Impurity	VL520009	N/A
Dexmedetomidine Impurities	Dexmedetomidine Hydroxyphenyl Acetic Acid	VL520011	156-38-7
Dexmedetomidine Impurities	Dexmedetomidine Oxide Impurity	VL520012	N/A
Dexmedetomidine Impurities	Ethyl Dexmedetomidine	VL520013	N/A
Dextromethorphan Impurities	Dextromethorphan EP Impurity D	VL200001	1453167-99-1
Dextromethorphan Impurities	Dextromethorphan EP Impurity A	VL200002	1531-23-3
Dextromethorphan Impurities	Dextromethorphan EP Impurity C	VL200003	57969-05-8
Dextromethorphan Impurities	Dextromethorphan EP Impurity B	VL200004	125-73-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Dextromethorphan Impurities	Dextromethorphan EP Impurity F	VL200008	65322-85-2
Dextromethorphan Impurities	Dextromethorphan N-Oxide	VL200007	1177494-18-6
Dextromethorphan Impurities	Dextromethorphan (+) N-formyl Octabase	VL200005	51773-23-0
Diacerein Impurities	Diacerein EP Impurity C	VL158005	478-43-3
Diacerein Impurities	Diacerein EP Impurity H	VL158007	25395-11-3
Diacerein Impurities	Diacerein EP Impurity B	VL158006	481-72-1
Diacerein Impurities	Diacerein EP Impurity E	VL158004	875535-36-7
Diacerein Impurities	Diacerein EP Impurity D	VL158003	875535-35-6
Diacerein Impurities	Diacerein EP Impurity F	VL158002	13928-72-8
Diacerein Impurities	Diacerein EP Impurity G	VL158001	64951-96-8
Diacerein Impurities	Diacerein Impurity A In House	VL158014	N/A
Diacerein Impurities	Diacerein EP Impurity A	VE006663	518-82-1
Diclofenac Impurities	Diclofenac Chloroacetyl Impurity	VL48004	15308-01-7
Diclofenac Impurities	Diclofenac Glyceryl Adduct	VL48027	N/A
Diclofenac Impurities	Diclofenac Tetradecyl ester	VL48026	N/A
Diclofenac Impurities	Diclofenac Dodecyl Ester	VL48025	N/A
Diclofenac Impurities	Diclofenac EP Impurity B	VL48010	22121-58-0
Diclofenac Impurities	Diclofenac glyoxilic acid	VL48008	N/A
Diclofenac Impurities	Diclofenac Isopropyl Ester Impurity	VL48006	66370-79-4
Diclofenac Impurities	Diclofenac EP Impurity F	VL48005	560075-65-2
Diclofenac Impurities	Diclofenac EP Impurity A	VL48003	15362-40-0
Diclofenac Impurities	Diclofenac PPG Ester 1	VL48001	N/A
Diclofenac Impurities	Diclofenac PPG Ester 2	VL48002	N/A
Diclofenac Impurities	1-(2,6-Dichlorophenyl)isatin	VL48007	24542-74-3
Diclofenac Impurities	Diclofenac EP Impurity C	VL48011	27204-57-5
Diclofenac Impurities	Diclofenac EP Impurity D	VL48015	127792-45-4
Diclofenac Impurities	Diclofenac Ethyl Ester Impurity	VL48017	N/A
Diclofenac Impurities	Diclofenac EP Impurity E	VL48018	59-48-3
Diclofenac Impurities	Diclofenac Desacetate Impurity	VL48019	15307-93-4
Diclofenac Impurities	Diclofenac Carboxylic Acid	VL48020	13625-57-5
Diclofenac Impurities	Diclofenac Dimer Impurity	VL48021	1609187-30-5
Diclofenac Impurities	Diclofenac PPG Ester (Mixture PPG 1 & PPG 2)	VL48023	N/A
Diclofenac Impurities	Diclofenac Impurity 3	VE006578	146607-19-4
Dicycloverine Impurities	Dicycloverine EP Impurity A	VL4910001	60263-54-9
Dicycloverine Impurities	Dicycloverine EP Impurity B	VL4910002	109158-77-2
Diltiazem Impurities	Diltiazem EP Impurity E	VL1080003	42399-49-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Diltiazem Impurities	Des Acetyl Diltiazem	VL1080001	75472-91-2
Diltiazem Impurities	Diltiazem EP Impurity D	VL1080002	130606-60-9
Diltiazem Impurities	Diltiazem EP Impurity G	VL1080004	81353-09-5
Diltiazem Impurities	Diltiazem EP Impurity H	VL1080005	115992-91-1
Diltiazem Impurities	Diltiazem EP Impurity C	VL1080006	142926-07-6
Diltiazem Impurities	Diltiazem Sulfoxide	VL1080008	370094-12-5
Diltiazem Impurities	N,N-Didesmethyl Diltiazem	VE006529	115973-28-9
Diltiazem Impurities	Diltiazem EP Impurity F	VE006639	42399-40-6
Dimenhydrinate Impurity	Dimenhydrinate EP Impurity K	VL4950003	574-42-5
Diosmin Impurities	Diosmin EP Impurity C	VL3040001	552-57-8
Diosmin Impurities	Diosmin EP Impurity D	VL3040002	1431536-92-3
Diosmin Impurities	Diosmin EP Impurity B	VL3040003	520-26-3
Diosmin Impurities	Diosmin Impurity 1	VL3040004	645-08-9
Diphenhydramine Impurities	Diphenhydramine EP Impurity A	VL177001	17471-10-2
Diphenhydramine Impurities	Diphenhydramine EP Impurity B	VL177002	19804-27-4
Diphenhydramine Impurities	Diphenhydramine EP Impurity C	VL177003	118-23-0
Diphenhydramine Impurities	Diphenhydramine EP Impurity D	VL177004	N/A
Diphenhydramine Impurities	Diphenhydramine EP Impurity E	VL177005	119-61-9
Diphenhydramine Impurities	Diphenhydramine N-Oxide	VL177006	13168-00-8
Diphenhydramine Impurities	Diphenhydramine Diphenylmethane	VL177007	101-81-5
Diphenhydramine Impurities	Diphenhydramine Benzhydryl bromide	VL177008	776-74-9
Dipyridamole Impurities	Dipyridamole EP Impurity A	VL47001	16982-40-4
Dipyridamole Impurities	Dipyridamole EP Impurity B	VL47002	16908-47-7
Dipyridamole Impurities	Dipyridamole EP Impurity C	VL47003	54093-92-4
Dipyridamole Impurities	Dipyridamole EP Impurity D	VL47004	1176886-12-6
Dipyridamole Impurities	Dipyridamole EP Impurity E	VL47005	N/A
Dipyridamole Impurities	Dipyridamole EP Impurity F	VL47006	60286-30-8
Dipyridamole Impurities	Dipyridamole EP Impurity G	VL47007	7139-02-08
Dizepam Impurities	Diazepam EP Impurity A	VL3230001	1088-11-5
Dizepam Impurities	Diazepam EP Impurity B	VL3230002	N/A
Dizepam Impurities	Diazepam EP Impurity C	VL3230003	5220-02-0
Dizepam Impurities	Diazepam EP Impurity D	VL3230004	N/A
Dizepam Impurities	Diazepam EP Impurity E	VL3230005	20927-53-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Dobutamine Impurities	Dobutamine EP Impurity C	VE006420	51062-14-7
Docetaxel Trihydrate Impurities	Docetaxel EP Impurity C	VL49002	153381-68-1
Docetaxel Trihydrate Impurities	Docetaxel EP Impurity D	VL49003	162784-72-7
Docetaxel Trihydrate Impurities	Docetaxel N-Formyl Impurity	VL49004	N/A
Docetaxel Trihydrate Impurities	Docetaxel EP Impurity A	VL49007	1887057-05-7
Docetaxel Trihydrate Impurities	10-Dec Docetaxel	VL49005	158810-73-2
Docetaxel Trihydrate Impurities	Docetaxel EP Impurity E	VL49006	32981-86-5
Dofetilide Impurities	Dofetilide N-Desmethylsulfonyl Impurity	VL2220001	115256-46-7
Domperidone Impurities	Domperidone EP Impurity A	VL700001	53786-28-0
Domperidone Impurities	Domperidone EP Impurity B	VL700002	1346598-11-5
Domperidone Impurities	Domperidone EP Impurity C	VL700003	118435-03-3
Domperidone Impurities	Domperidone EP Impurity F	VL700004	1391053-55-6
Domperidone Impurities	Domperidone EP Impurity D	VL700005	1614255-34-3
Domperidone Impurities	Domperidone EP Impurity E	VL700006	1346602-50-3
Donepezil Impurities	Donepezil Open Ring Impurity	VL173001	197010-25-6
Donepezil Impurities	Hydroxy Donepezil	VL173002	197010-20-1
Donepezil Impurities	Donepezil Pyridine Analog	VL173003	4803-57-0
Donepezil Impurities	Donepezil Impurity B	VL173004	844694-85-5
Donepezil Impurities	Donepezil Dehydro Deoxy Impurity	VL173005	120013-45-8
Donepezil Impurities	Deoxydonepezil	VL173006	844694-84-4 (base); 1034439-57-0 (HCl Salt)
Donepezil Impurities	Donepezil Alkene Pyridine N-Oxide	VL173007	896134-06-8
Donepezil Impurities	Donepezil N-Oxide	VL173008	120013-84-5
Donepezil Impurities	Donepezil Related Compound A	VL173010	145546-80-1
Donepezil Impurities	Desbenzyl Donepezil	VL173012	120013-39-0
Donepezil Impurities	Donepezil Hydrochloride	VL173013	120011-70-3
Donepezil Impurities	Donepezil Impurity VII	VL173014	197010-22-3
Donepezil Impurities	Donepezil Aldehyde Impurity	VL173015	22065-85-6
Donepezil Impurities	Donepezil Pyridine Dehydro Impurity	VL173016	4803-74-1
Donepezil Impurities	Donepezil Impurity 8	VL173019	1808997-65-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Donepezil Impurities	Donepezil Dihydro Impurity	VL173020	120012-04-6
Donepezil Impurities	Donepezil Pyridine N-Oxide	VE006205	896134-07-9
Dorzolamide Impurities	Dorzolamide EP Impurity B (free base)	VL37001	120279-90-5
Dorzolamide Impurities	Dorzolamide EP Impurity D	VL37002	154154-90-2
Dorzolamide Impurities	Dorzolamide EP Impurity C (HCl salt)	VL37005	N/A
Dorzolamide Impurities	Dorzolamide EP Impurity A	VL37004	120279-95-0
Dorzolamide Impurities	Dorzolamide EP Impurity B (HCl salt)	VE006493	120279-37-0
Dorzolamide Impurities	N-Acetyl Dorzolamide	VE006505	403848-09-9
Dorzolamide Impurities	Dorzolamide Impurity 5	VL37003	147128-79-8
Doxepin Impurities	Doxepin N-Oxide	VL2860001	22684-91-9
Doxepin Impurities	Doxepin EP Impurity D	VL2860002	25127-31-5
Doxepin Impurities	Doxepin EP Impurity A	VL2860003	4504-87-4
Doxepin Impurities	Doxepin EP Impurity B	VL2860004	4504-88-5
Doxepin Impurities	Doxepin EP Impurity C	VL2860005	4504-96-5
Doxycycline Impurities	Doxycycline EP Impurity F	VL159002	122861-53-4
Doxycycline Impurities	Doxycycline EP Impurity C	VL159001	6543-77-7
Doxycycline Impurities	Doxycycline EP Impurity D	VL159003	97583-08-9
Doxycycline Impurities	Doxycycline Related Compound A (6-epidoxycycline)	VL159004	3219-99-6
Doxycycline Impurities	Doxycycline EP Impurity B (HCl salt)	VL159005	3963-95-9
Doxycycline Impurities	Doxycycline EP Impurity B (free base)	VE006171	914-00-1
Doxylamine Impurities	Doxylamine Di-N-Oxide	VL38006	105176-70-3
Doxylamine Impurities	Doxylamine phenyl	VL38007	N/A
Doxylamine Impurities	Doxylamine N-oxide	VL38005	97143-65-2
Doxylamine Impurities	Doxylamine EP impurity C	VL38003	1221-70-1
Doxylamine Impurities	Doxylamine EP Impurity A	VL38001	873407-01-3
Doxylamine Impurities	Doxylamine EP Impurity D	VL38004	91-02-1
Doxylamine Impurities	Doxylamine EP Impurity B	VL38002	19490-92-7
Doxylamine Impurities	Doxylamine Pyridinyl N- oxide	VL38008	99430-77-0
Doxylamine Impurities	Doxylamine EP Impurity B (HCl salt)	VE007036	879671-67-7
Dronedarone Impurities	Dronedarone Impurity E	VL3390001	141627-42-1
Dronedarone Impurities	Dronedarone Related Compound A	VE005857	197431-02-0
Drotaverdine Impurities	Drotaverdine Impurity	VL36002	54088-62-9
Drotaverine Impurities	Drotaverine Amide Impurity	VL36004	6298-46-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Drotaverine Impurities	Drotaverine Amine Impurity	VL36003	61381-04-2
Drotaverine Impurities	Drotaverine Acid Impurity	VL36001	38464-04-9
Drotaverine Impurities	Drotaverine Impurity 1	VL36005	N/A
Droxidopa Impurities	Droxidopa Impurity M	VE000117	90044-46-5
Duloxetine Impurities	Duloxetine EP Impurity C	VL202012	949096-01-9
Duloxetine Impurities	Duloxetine pthalamide	VL202011	199191-67-8
Duloxetine Impurities	Duloxetine EP Impurity A	VL202001	116539-60-7
Duloxetine Impurities	Duloxetine EP Impurity B	VL202002	116539-55-0
Duloxetine Impurities	Duloxetine IH Related Compound A	VL202010	947686-09-1
Duloxetine Impurities	Duloxetine Propanol Impurity	VL202006	N/A
Duloxetine Impurities	Duloxetine Dimethylaminopropanol Impurity	VL202014	116539-56-1
Duloxetine Impurities	Duloxetine EP Impurity D	VL202015	90-15-3
Duloxetine Impurities	Duloxetine EP Impurity G	VL202007	321-38-0
Duloxetine Impurities	Duloxetine Related Compound H	VL202013	199191-66-7
Duloxetine Impurities	Duloxetine EP Impurity F	VL202004	959392-22-4
Duloxetine Impurities	Duloxetine impurity 10	VL202020	13196-35-5
Duloxetine Impurities	Duloxetine EP Impurity E	VL202003	1033719-36-6
Duloxetine Impurities	Duloxetine EP Impurity A HCl salt	VE006832	910138-96-4
Dutasteride Impurities	Dutasteride Ester Impurity	VL225004	103335-41-7
Dutasteride Impurities	Dutasteride Dihydro Impurity	VL225003	164656-22-8
Dutasteride Impurities	Dutasteride Beta Isomer	VL225001	957229-52-6
Dutasteride Impurities	Dutasteride EP Impurity A	VL225002	104239-97-6
Dutasteride Impurities	Dutasteride EP Impurity B	VL225005	N/A
Dutasteride Impurities	Dutasteride EP Impurity C	VL225006	157307-36-3
Dutasteride Impurities	Dutasteride EP Impurity E	VL225007	1796930-46-5
Dutasteride Impurities	Dutasteride EP Impurity F	VL225008	1365545-42-1
Dutasteride Impurities	Dutasteride EP Impurity G	VL225009	1430804-85-5
Dutasteride Impurities	Dutasteride Dimethyl Amide Impurity	VL225010	N/A
Dutasteride Impurities	Dutasteride Methyl Ester Impurity	VL225011	N/A
Dutasteride Impurities	Dutasteride Beta Dimer	VL225015	N/A
Dutasteride Impurities	Dutasteride EP Impurity D	VL225016	N/A
Ebastine Impurities	Ebastine EP Impurity C	VL4300004	58258-01-8
Ebastine Impurities	Ebastine EP Impurity D	VL4300005	97928-18-2
Edaravone Impurities	Edaravone N-Oxide	VL4530001	152494-76-3
Efavirenz Impurities	Efavirenz Enantiomer Impurity	VL1680006	154801-74-8
Efavirenz Impurities	Efavirenz Racemic Mixture	VL1680001	177530-93-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Efavirenz Impurities	Efavirenz Related Compound B	VL1680003	440124-96-9
Efavirenz Impurities	Efavirenz Related Compound A	VL1680004	209414-27-7
Efavirenz Impurities	Efavirenz Related Compound C	VL1680005	391860-73-4
Efinaconazole Impurities	S R Diastereomer Efinaconazole	VL2260002	2055038-61-2
Efinaconazole Impurities	R S Diastereomer Efinaconazole	VL2260004	2055038-60-1
Efinaconazole Impurities	4 Methylene piperidine Hydrochloride	VL2260006	144230-50-2
Efinaconazole Impurities	N Methyl pyrrolidone	VL2260007	872-50-4
Elagolix Impurities	Elagolix Impurity 2	VE006362	2073864-81-8
Elagolix Impurities	Elagolix Lactam Impurity	VE006363	2248628-93-3
Elagolix Impurities	Elagolix Racemic Mixture	VE006430	N/A
Elagolix Impurities	Elagolix Hydroxy Impurity	VE006849	832720-51-1
Elagolix Impurities	Elagolix Dialkylated Impurity	VE006850	2409132-60-9
Elagolix Impurities	Elagolix N-oxide impurity	VE006851	N/A
Elagolix Impurities	Elagolix S-isomer	VE006852	N/A
Eletriptan Impurities	Eletriptan Related Compound 03	VL990001	209682-64-4
Eletriptan Impurities	Eletriptan Related Compound 02	VL990002	188113-71-5
Eletriptan Impurities	Eletriptan Related Compound 01	VL990003	1252673-29-2
Eletriptan Impurities	Eletriptan Impurity A	VL990004	N/A
Eletriptan Impurities	Eletriptan Impurity B	VL990005	N/A
Eletriptan Impurities	Eletriptan Impurity D	VL990006	N/A
Eletriptan Impurities	Eletriptan Impurity L	VL990007	1217641-89-8
Empagliflozin Impurities	Empagliflozin R Isomer Impurity	VL2480004	864070-43-9
Empagliflozin Impurities	Empagliflozin monoacetyl impurity	VL2480009	N/A
Empagliflozin Impurities	Empagliflozin α -Anomer	VE006149	1620758-33-9
Empagliflozin Impurities	Empagliflozin Furanose	VE006512	1620758-32-8
Empagliflozin Impurities	Empagliflozin 1-Methoxy	VE006513	1279691-36-9
Empagliflozin Impurities	Empagliflozin 1-Hydroxy Impurity	VE006514	1279691-35-8
Empagliflozin Impurities	Empagliflozin Impurity II	VE006517	N/A
Empagliflozin Impurities	Empagliflozin R-Furanose	VE006577	1620758-31-7
Empagliflozin Impurities	Empagliflozin S-Furanose	VE006576	N/A
Emtricitabine Impurities	Emtricitabine 5-Fluorouracil Analogue	VL54001	143790-05-0
Emtricitabine Impurities	Emtricitabine Carboxylic Acid Impurity	VL54002	1238210-10-0
Emtricitabine Impurities	Emtricitabine Diastereomer	VL54004	143491-54-7
Emtricitabine Impurities	Emtricitabine Sulfoxide Impurity	VL54003	152128-77-3
Emtricitabine Impurities	Emtricitabine Enantiomer Impurity	VL54005	137530-41-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Emtricitabine Impurities	Emtricitabine 5-Fluoro Cytosine	VL54007	2022-85-7
Emtricitabine Impurities	Emtricitabine Dimer Impurity	VL54010	1962114-97-1
Emtricitabine Impurities	Emtricitabine Methylester	VL54011	N/A
Emtricitabine Impurities	Emtricitabine Impurity 12	VL54013	2216-52-6
Emtricitabine Impurities	Emtricitabine Impurity 10	VL54015	15356-60-2
Emtricitabine Impurities	Emtricitabine R-sulfoxide	VE006636	N/A
Emtricitabine Impurities	Emtricitabine Desamino Impurity	VL54008	1055312-45-2
Enalapril Impurities	Enalapril EP Impurity B	VL1360002	82717-96-2
Enalapril Impurities	Enalapril EP Impurity C	VL1360003	76420-72-9
Enalapril Impurities	Enalapril EP Impurity D	VL1360004	115729-52-7
Enalapril Impurities	Enalapril EP Impurity F	VL1360006	76391-34-9
Enalapril Impurities	Enalapril EP Impurity G	VL1360007	460720-14-3
Enalapril Impurities	Enalapril EP Impurity I	VL1360009	288-32-4
Enalapril Impurities	Enalapril Diketopiperazine Acid	VL1360013	115623-21-7
Enalapril Impurities	Enalapril EP Impurity A	VL1360001	76420-74-1
Enalapril Impurities	Enalapril Impurity 2	VL1360012	56-41-7
Enalapril Impurities	Enalapril Impurity 4	VL1360011	147-85-3
Enalapril Impurities	Enalapril EP Impurity E	VL1360005	N/A
Enalapril Impurities	Enalapril EP Impurity H	VL1360008	2055735-10-7
Enrofloxacin Impurities	Enrofloxacin EP Impurity B	VL3550001	85721-33-1
Enrofloxacin Impurities	Enrofloxacin EP Impurity C	VL355002	N/A
Enrofloxacin Impurities	Enrofloxacin EP Impurity A	VL3550003	N/A
Entacapone Impurities	Entacapone EP Impurity C	VL2400003	116313-85-0
Entacapone Impurities	Entacapone EP Impurity H	VL2400001	1150310-15-8
Entacapone Impurities	Entacapone EP Impurity B	VL2400002	857629-79-9
Entacapone Impurities	Entacapone Amide Impurity	VL2400006	158693-01-7
Entacapone Impurities	Entacapone EP Impurity E	VL2400004	7659-29-2
Entacapone Impurities	Entacapone EP Impurity G	VL2400005	1364322-41-7
Entacapone Impurities	Entacapone EP Impurity A	VL2400007	145195-63-7
Entacapone Impurities	Entacapone EP Impurity D	VL2400008	N/A
Entacapone Impurities	Entacapone EP Impurity I	VL2400009	1364322-42-8
Entacapone Impurities	Entacapone EP Impurity F	VL2400010	160391-70-8
Entacapone Impurities	Entacapone N N Diethyl Cyanoacetamide	VL2400011	N/A
Entacapone Impurities	Entacapone Impurity 4	VL2400012	1202160-40-4
Enzalutamide Impurities	Enzalutamide Carboxylic Acid	VE006365	1242137-15-0
Enzalutamide Impurities	Enzalutamide Oxo Impurity	VE006364	1242137-18-3
Enzalutamide Impurities	Enzalutamide Impurity 2	VE006366	143782-23-4
Enzalutamide Impurities	N-Desmethyl Enzalutamide	VE006572	1242137-16-1
Enzalutamide Impurities	Enzalutamide Impurity 7	VE006573	1839619-50-9
Ephedrine Impurities	Ephedrine EP Impurity A	VL2050001	1798-60-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Epinastine Impurities	Epinastine Hydrochloride impurity	VL4300001	108929-04-0
Epinephrine Impurities	Epinephrine Impurity E	VL3990005	36467-25-1
Epinephrine Impurities	Epinephrine Impurity F	VL3990006	78995-75-2
Epinephrine Impurities	N-Benzyl Epinephrine Impurity	VE006299	1095714-91-2
Erlotinib Impurities	Erlotinib impurity 26	VL2460007	3943-89-3
Erlotinib Impurities	Erlotinib Impurity 7	VL2460008	179688-27-8
Erlotinib Impurities	Erlotinib lactum Impurity	VL2460009	179688-29-0
Erlotinib Impurities	Erlotinib Impurity 6	VL2460010	179688-26-7
Erlotinib Impurities	Erlotinib Impurity 10	VL2460013	950596-58-4
Erlotinib Impurities	Erlotinib Impurity 13	VL2460012	236750-65-5
Erlotinib Impurities	Erlotinib Impurity 19	VL2460011	236750-62-2
Erlotinib Impurities	Erlotinib Amine Impurity	VL2460006	54060-30-9
Erlotinib Impurities	Erlotinib Chloro Impurity	VL2460005	183322-18-1
Erlotinib Impurities	Erlotinib Impurity 1	VL2460001	1710372-46-5
Erlotinib Impurities	Erlotinib Impurity 2	VL2460002	183322-19-2
Erlotinib Impurities	Erlotinib Impurity 3	VL2460003	2204518-92-1
Erlotinib Impurities	Erlotinib Impurity 4	VL2460004	183321-83-7
Erlotinib Impurities	Erlotinib Impurity 16	VL2460014	N/A
Erythromycin Impurities	Erythromycin A imino ester Impurity	VL690002	99290-97-8
Erythromycin Impurities	Erythromycin Impurity B	VL690009	527-75-3
Erythromycin Impurities	Erythromycin EP Impurity E	VL690020	33396-29-1
Erythromycin Impurities	Erythromycin EP Impurity H	VL690013	992-65-4
Erythromycin Impurities	Erythromycin EP Impurity D	VL690010	23893-13-2
Erythromycin Impurities	Erythromycin EP Impurity F	VL690011	105882-69-7
Erythromycin Impurities	Erythromycin EP Impurity I	VL690017	546-57-6
Erythromycin Impurities	Erythromycin EP Impurity J	VL690018	105900-46-7
Erythromycin Impurities	Erythromycin A Oxime Impurity	VL690001	N/A
Erythromycin Impurities	Erythromycin EP Impurity C	VL690004	41451-91-6
Erythromycin Impurities	Erythromycin EP Impurity A	VL690005	82230-93-1
Erythromycin Impurities	Enol Ether Erythromycin A	VL690007	N/A
Erythromycin Impurities	Erythromycin Impurity F	VL690008	N/A
Erythromycin Impurities	Anhydro erythromycin A	VL690012	N/A
Erythromycin Impurities	Erythromycin EP Impurity L	VL690014	N/A
Erythromycin Impurities	Erythromycin N Ethyl succinate	VL690015	N/A
Erythromycin Impurities	Erythromycin EP Impurity N	VL690019	N/A
Erythromycin Impurities	Erythromycin EP Impurity B	VL690023	992-62-1
Erythromycin Impurities	Erythromycin EP Impurity K	VL690025	33442-56-7
Erythromycin Impurities	Erythromycin Ethylsuccinate EP Impurity G	VL690003	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Escitalopram Impurities	Escitalopram EP Impurity F	VL1570020	2102609-59-4
Escitalopram Impurities	Escitalopram Oxalate	VL1570001	219861-08-2
Escitalopram Impurities	Escitalopram Desfluoro Impurity	VL1570002	1346617-30-8
Escitalopram Impurities	Escitalopram EP Impurity B	VL1570005	411221-53-9
Escitalopram Impurities	Escitalopram EP Impurity E	VL1570007	103146-26-5
Escitalopram Impurities	Escitalopram Impurity F	VL1570008	N/A
Escitalopram Impurities	Escitalopram EP Impurity G	VL1570009	N/A
Escitalopram Impurities	Escitalopram EP Impurity I	VL1570011	1370643-22-3
Escitalopram Impurities	Escitalopram EP Impurity L	VL1570014	N/A
Escitalopram Impurities	Escitalopram EP Impurity M	VL1570015	N/A
Escitalopram Impurities	Escitalopram EP Impurity K	VL1570018	128196-02-1
Escitalopram Impurities	R Isomer escitalopram impurity	VL1570021	N/A
Escitalopram Impurities	Escitalopram Related Compound A	VL1570022	128173-53-5
Escitalopram Impurities	Escitalopram Nitroso Impurity	VE006453	N/A
Escitalopram Impurities	Escitalopram N-Desmethyl (free base)	VE006634	N/A
Esmolol Impurities	Esmolol Dimer Impurity	VL3890001	98903-89-0
Estradiol Impurities	6beta Hydroxy Estradiol	VL2120001	07/03/3583
Estradiol Impurities	6alpha Hydroxy Estradiol	VL2120002	1229-24-9
Estradiol Impurities	6 7 Dehydro Estradiol	VL2120003	7291-41-0
Estradiol Impurities	6 Keto Estradiol	VL2120004	571-92-6
Estradiol Impurities	Estradiol EP Impurity D	VL2120006	791-69-5
Estradiol Impurities	4 Methyl Estradiol	VL2120009	6171-48-8
Estradiol Impurities	Ethinylestradiol EP Impurity B	VL2120010	1231-96-5
Estradiol Impurities	Ethinylestradiol EP impurities L	VL2120012	57-91-0
Estradiol Impurities	Estradiol EP Impurity A	VL2120014	4717-38-8
Estradiol Impurities	Estradiol EP Impurity F	VL2120015	18069-79-9
Estradiol Impurities	Estradiol EP Impurity C	VL2120016	95959-20-9
Eszopiclone Impurities	Eszopiclone Semiketal	VL780001	43200-81-3
Eszopiclone Impurities	Eszopiclone 2 3 Pyrazine Dicarboxylic Acid	VL780002	N/A
Eszopiclone Impurities	Zopiclone EP Impurity A	VL780003	43200-96-0
Eszopiclone Impurities	Eszopiclone	VL780004	138729-47-2
Eszopiclone Impurities	Zopiclone EP Impurity B	VL780006	N/A
Eszopiclone Impurities	Eszopiclone Impurity C	VL780007	148891-53-6
Ethambutol Impurity	Ethambutol EP Impurity A	VE006961	96-20-8
Ethinylestradiol Impurities	Ethinylestradiol EP Impurity A	VE006594	N/A
Ethinylestradiol Impurities	Ethinylestradiol EP Impurity F	VE006828	56324-28-8
Ethinylestradiol Impurities	Ethinylestradiol EP Impurity E	VE006926	27521-34-2
Ethosuximide Impurities	Ethosuximide EP Impurity A	VE006399	631-31-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Ethylphenidate Impurities	Ethylphenidate	VL440001	N/A
Ethylphenidate Impurities	Exemestane EP Impurity B	VE005935	184972-09-6
Etilefrine Impurities	Etilefrine EP Impurity F	VL4320001	14321-27-8
Etodolac Impurities	Etodolac EP Impurity C	VL2000008	109518-50-5
Etodolac Impurities	Etodolac EP Impurity D	VL2000001	57917-63-2
Etodolac Impurities	Etodolac EP Impurity E	VL2000002	57817-27-3
Etodolac Impurities	Etodolac EP Impurity F	VL2000003	849630-65-5
Etodolac Impurities	Etodolac EP Impurity G	VL2000004	57816-83-8
Etodolac Impurities	Etodolac EP Impurity H	VL2000009	41340-36-7
Etodolac Impurities	Etodolac EP Impurity J	VL2000010	115066-03-0
Etodolac Impurities	Etodolac EP Impurity B	VL2000005	41340-19-6
Etodolac Impurities	Etodolac EP Impurity A	VL2000007	41339-67-7
Etomidate Impurities	Etomidate Acid R-Isomer	VE006276	56649-48-0
Etoricoxib Impurities	Etoricoxib Related compound A	VL1020002	10297-73-1
Etoricoxib Impurities	Etoricoxib Impurity D	VL1020001	221615-75-4
Etoricoxib Impurities	Etoricoxib Related Compound B	VL1020003	90536-66-6
Etoricoxib Impurities	Etoricoxib Impurity E	VL1020005	5470-70-2
Etoricoxib Impurities	Etoricoxib Impurity A	VL1020006	N/A
Etoricoxib Impurities	Deschloro Etoricoxib	VE006601	1350206-14-2
Etoricoxib Impurities	Desmethyl Etoricoxib	VE006602	202409-31-2
Etoricoxib Impurities	Etoricoxib N1-Oxide	VE006603	325855-74-1
Everolimus Impurities	Everolimus EP Impurity D	VL2280002	1708118-13-1
Everolimus Impurities	Everolimus tert-Butyldimethylsilyl Ether Impurity	VL2280004	159351-68-5
Everolimus Impurities	Everolimus IP Impurity E	VL2280003	147438-30-0
Everolimus Impurities	Everolimus EP Impurity C	VL2280001	N/A
Exemestane Impurities	Exemestane related compound C	VL3690001	N/A
Exemestane Impurities	Exemestane related compound D	VL3690002	N/A
Exemestane Impurities	6 Alfa Isomer of Exemestane	VL3690003	184972-12-1
Exemestane Impurities	6-Beta Isomer of Exemestane	VL3690004	152764-31-3
Exemestane Impurities	Exemestane EP Impurity E	VL3690005	19457-55-7
Exemestane Impurities	Exemestane Impurity 5	VL3690006	N/A
Ezetimibe Impurities	Ezetimibe RRR Impurity	VL203006	1593542-96-1
Ezetimibe Impurities	Ezetimibe Des-Fluoroaniline analog	VL203003	302781-98-2
Ezetimibe Impurities	Ezetimibe M-Fluoroaniline analog	VL203004	1700622-06-5
Ezetimibe Impurities	Ezetimibe O-Fluorobenzene isomer	VL203005	1798008-25-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Ezetimibe Impurities	Ezetimibe Tetrahydropyran Analog Impurity	VL203007	1296129-15-1
Ezetimibe Impurities	Ezetimibe SSS Impurity	VL203009	1593543-07-7
Ezetimibe Impurities	Ezetimibe SRS Impurity	VL203001	N/A
Ezetimibe Impurities	Ezetimibe SRR Impurity	VL203002	N/A
Ezetimibe Impurities	Ezetimibe Ketone Impurity	VL203008	191330-56-0
Ezetimibe Impurities	Ezetimibe RRS Impurity	VL203010	163380-16-3
Ezetimibe Impurities	Ezetimibe Desfluoro benzene Analog	VL203013	190595-66-5
Ezetimibe Impurities	Ezetimibe Diol Impurity	VL203017	1374250-08-4
Ezetimibe Impurities	Ezetimibe RSR Impurity	VL203011	1376614-99-1
Ezetimibe Impurities	Ezetimibe Cyclic Ether Impurity	VL203021	N/A
Ezetimibe Impurities	Ezetimibe Benzoyl Impurity	VL203020	N/A
Ezetimibe Impurities	Ezetimibe Impurity C	VL203023	N/A
Ezetimibe Impurities	Ezetimibe Impurity D	VL203024	N/A
Ezetimibe Impurities	Ezetimibe 3-Dehydroxy impurity	VE006344	204589-58-2
Ezetimibe Impurities	Ezetimibe Anhydro impurity	VE006345	204589-68-4
Famotidine Impurities	Famotidine EP Impurity A	VL56010	124646-10-2
Famotidine Impurities	Famotidine EP Impurity F	VL56004	107880-74-0
Famotidine Impurities	Famotidine EP Impurity E	VL56003	129083-44-9
Famotidine Impurities	Famotidine EP Impurity C	VL56001	106433-44-7
Famotidine Impurities	Famotidine EP Impurity D	VL56002	76824-16-3
Famotidine Impurities	Famotidine Amidine	VL56006	N/A
Famotidine Impurities	Famotidine EP Impurity H	VL56007	88046-01-9
Famotidine Impurities	Famotidine EP Impurity I (Maleate salt)	VL56008	N/A
Famotidine Impurities	Famotidine EP Impurity J	VL56009	76824-14-1
Famotidine Impurities	Famotidine EP Impurity B	VL56011	89268-62-2
Famotidine Impurities	Famotidine EP Impurity G	VL56012	76823-97-7
Famotidine Impurities	Famotidine Sulfoxide Impurity	VL56013	90237-03-9
Famotidine Impurities	Famotidine EP Impurity B (Dimaleate)	VE006817	109467-08-5
Febuxostat Impurities	Febuxostate Decarboxy Impurity	VL730001	1239233-87-4
Febuxostat Impurities	Febuxostate Impurity C	VL730002	N/A
Febuxostat Impurities	Febuxostat Impurity 1	VL730004	161798-01-2
Febuxostat Impurities	Febuxostat Impurity 2	VL730005	161798-03-4
Febuxostat Impurities	Febuxostat Amide Impurity	VL730006	1239233-86-3
Febuxostat Impurities	Febuxostat Impurity 11	VL730008	31643-49-9
Felodipine Impurities	Felodipine EP Impurity C	VL3120002	79925-38-5
Felodipine Impurities	Felodipine EP Impurity A	VL3120003	96382-71-7
Felodipine Impurities	Felodipine EP Impurity B	VL3120001	91189-59-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Fenofibrate Impurities	Fenofibrate EP Impurity D	VL59004	42019-07-8
Fenofibrate Impurities	Fenofibrate EP Impurity G	VL59007	217636-48-1
Fenofibrate Impurities	Fenofibrate EP Impurity C	VL59003	217636-47-0
Fenofibrate Impurities	Fenofibrate EP Impurity B	VL59002	42017-89-0
Fenofibrate Impurities	Fenofibrate EP Impurity A	VL59001	42019-78-3
Fenofibrate Impurities	Fenofibrate EP Impurity E	VL59005	42019-08-9
Fenofibrate Impurities	Fenofibrate EP Impurity F	VL59006	154356-96-4
Fenofibrate Impurities	4Chlorophenyl 04 Methoxyphenyl Methanone	VL59009	27547-08-6
Fentanyl Impurities	Fentanyl Related Compound E	VL57001	100-52-7
Fentanyl Impurities	Fentanyl Related Compound D	VL57002	N/A
Fentanyl Impurities	Fentanyl Related Compound G	VL57003	3258-84-2
Fenticonazole Impurities	Fenticonazole EP Impurity A	VL3560001	24155-42-8
Fenticonazole Impurities	Fenticonazole EP Impurity B	VE006558	80639-94-7
Fenticonazole Impurities	Fenticonazole EP Impurity C	VE006559	80676-28-4
Fenticonazole Impurities	Fenticonazole EP Impurity D	VE006560	80639-93-6
Fenticonazole Impurities	Fenticonazole EP Impurity E	VE006561	6.6.1313397
Fesoterodine Impurities	Fesoterodine Diol Dimer Impurity	VL400002	N/A
Fesoterodine Impurities	Fesoterodine Impurity B	VL400001	1208313-13-6
Fesoterodine Impurities	Fesoterodine Fumarate	VL400003	286930-03-8
Fexofenadine Impurities	Fexofenadine EP Impurity A	VL261001	76811-98-8
Fexofenadine Impurities	Fexofenadine EP Impurity D	VL261004	154825-96-4
Fexofenadine Impurities	Fexofenadine EP Impurity C	VL261003	185066-37-9
Fexofenadine Impurities	Fexofenadine EP Impurity B	VL261002	479035-75-1
Fexofenadine Impurities	Fexofenadine N-Oxide	VL261005	1422515-52-3
Fexofenadine Impurities	Decarboxylated degradant	VL261006	N/A
Fexofenadine Impurities	Fexofenadine EP Impurity E	VL261008	115-46-8
Finasteride Impurities	Finasteride EP Impurity C	VL2990001	1329611-51-9
Finasteride Impurities	Finasteride EP Impurity A	VL2990002	98319-24-5
Fingolimod Impurities	Fingolimod Stearate Amide Impurity	VL1270006	1242271-27-7
Fingolimod Impurities	Fingolimod Palmitate Amide Impurity	VL1270005	1242271-26-6
Fingolimod Impurities	Fingolimod Acetyl Amide Impurity	VL1270003	249289-10-9
Fingolimod Impurities	Fingolimod Heptyl Impurity	VL1270011	745767-97-9
Fingolimod Impurities	Fingolimod Nonyl Homologue	VL1270009	296282-40-1
Fingolimod Impurities	Dimethylamino Impurity	VL1270008	1404433-87-9
Fingolimod Impurities	Fingolimod FIM8 Monohydroxy methyl Impurity	VL1270007	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Fingolimod Impurities	Fingolimod 4 Hydroxy	VL1270001	268557-51-3
Fingolimod Impurities	Fingolimod N Methyl Impurity	VL1270002	162361-47-9
Fingolimod Impurities	Fingolimod Impurity 1	VL1270012	899822-99-2
Fingolimod Impurities	Fingolimod Impurity 7	VL1270013	374077-88-0
Fingolimod Impurities	Fingolimod Impurity 12	VL1270014	N/A
Fingolimod Impurities	O-Acetyl fingolimod	VL1270015	1807973-92-7
Fingolimod Impurities	Fingolimod decyl homolog	VL1270016	N/A
Fingolimod Impurities	Fingolimod hexyl homolog	VL1270017	1201794-93-5
Fingolimod Impurities	2-Phenethyl fingolimod analog	VL1270018	851039-25-3
Fingolimod Impurities	3-Phenethyl fingolimod analog	VL1270019	851039-24-2
Fingolimod Impurities	Fingolimod Hydrochloride	VL1270020	162359-56-0
Fingolimod Impurities	Fingolimod HCl Impurity-1	VL1270021	N/A
Fingolimod Impurities	Fingolimod HCl Impurity-2	VL1270022	N/A
Flavoxate Impurities	Flavoxate EP Impurity A	VL4550001	3468-01-7
Flavoxate Impurities	Flavoxate EP Impurity B	VL4550002	35888-94-9
Flavoxate Impurities	Flavoxate EP Impurity C	VL4550003	N/A
Flecainide Impurities	Flecainide EP Impurity E	VL1140005	57415-36-8
Flecainide Impurities	Flecainide EP Impurity A	VL1140001	N/A
Flecainide Impurities	Flecainide EP Impurity D	VL1140004	35480-52-5
Flecainide Impurities	Flecainide EP Impurity B	VL1140002	22990-77-8
Flecainide Impurities	Flecainide EP Impurity C	VL1140003	152171-74-9
Flubendazole Impurities	Flubendazole EP Impurity A	VE007022	N/A
Flubendazole Impurities	Flubendazole EP Impurity E	VE007023	66939-00-2
Flubendazole Impurities	Flubendazole EP Impurity G	VE007024	N/A
Flucloxacillin Impurities	Flucloxacillin EP Impurity D	VL44000001	3919-74-2
Fluconazole Impurities	Fluconazole EP Impurity C	VL60003	514222-44-7
Fluconazole Impurities	Fluconazole Related Compound B	VL60002	81886-51-3
Fluconazole Impurities	Fluconazole EP Impurity B	VL60001	871550-15-1
Fluconazole Impurities	Fluconazole EP Impurity I	VL60004	150168-54-0
Fluconazole Impurities	Fluconazole EP Impurity A	VL60005	89429-59-4
Fluconazole Impurities	Fluconazole Impurity 6	VL60006	51336-94-8
Fluconazole Impurities	Fluconazole Impurity 7	VL60007	1774-47-6
Fluconazole Impurities	Fluconazole EP Impurity E	VL60008	N/A
Flumequine Impurities	Flumequine EP Impurity B	VL4780001	42835-47-2
Flumethasone Pivalate	Flumethasone Pivalate EP Impurity B	VE006854	2823-42-9
Flunarizine Impurities	Flunarizine EP Impurity B	VL2900002	39245-25-5
Flunarizine Impurities	Flunarizine EP Impurity C	VL2900003	90830-31-2
Flunarizine Impurities	Flunarizine EP Impurity A	VL2900001	27469-60-9
Flunixin Impurities	Flunixin EP Impurity B	VL4310001	54396-44-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Flunixin Impurities	Flunixin EP Impurity C	VL4310002	1452-94-4
Flunixin Impurities	Flunixin EP Impurity A	VL4310003	2942-59-8
Fluorouracil Impurities	Fluorouracil EP Impurity A	VL4610001	67-52-7
Fluorouracil Impurities	Fluorouracil EP Impurity B	VL4610002	496-76-4
Fluorouracil Impurities	Fluorouracil EP Impurity C	VL4610003	66-22-8
Fluorouracil Impurities	Fluorouracil EP Impurity D	VL4610004	6623-81-0
Fluorouracil Impurities	Fluorouracil EP Impurity E	VL4610005	1820-81-1
Fluorouracil Impurities	Fluorouracil EP Impurity F	VL4610006	56177-80-1
Fluoxetine Impurities	Fluoxetine EP Impurity B	VL1780002	23580-89-4
Fluoxetine Impurities	Fluoxetine EP Impurity C	VL1780003	56161-72-9
Fluoxetine Impurities	Fluoxetine Impurity I	VL1780004	1212215-97-8
Fluoxetine Impurities	Fluoxetine Dimethyl Amine Impurity	VL1780005	885101-12-2
Fluoxetine Impurities	Fluoxetine 4-hydroxy Benzotrifluoride	VL1780006	402-45-9
Fluoxetine Impurities	Fluoxetine Related Compound C	VL1780007	1026723-45-4
Fluoxetine Impurities	Fluoxetine Inhouse Impurity (3 Chloropropiophenone)	VL1780012	936-59-4
Fluoxetine Impurities	Fluoxetine Impurity 3	VL1780013	5554-64-3
Fluoxetine Impurities	Fluoxetine Impurity-4	VL1780014	56225-81-1
Fluoxetine Impurities	Fluoxetine EP Impurity A	VL1780001	42142-52-9
Fluoxetine Impurities	Fluoxetine Dimethyl Amine Impurity (free base)	VE007003	56225-81-1
Fluphenazine Impurities	Fluphenazine Dihydrochloride EP Impurity C	VL1770010	N/A
Fluphenazine Impurities	Fluphenazine Dihydrochloride EP Impurity B	VL1770009	1476-79-5
Fluphenazine Impurities	Fluphenazine DiHCl EP Impurity A	VL1770008	1674-76-6
Fluphenazine Impurities	Fluphenazine Decanoate N-oxide-2	VL1770002	N/A
Fluphenazine Impurities	Fluphenazine Decanoate N-oxide-1	VL1770001	76013-31-5
Fluphenazine Impurities	Fluphenazine Impurity	VL1770004	146-56-5
Fluphenazine Impurities	Fluphenazine Enantate Impurity	VL1770005	N/A
Fluphenazine Impurities	Fluphenazine Octanoate Impurity	VL1770006	N/A
Fluphenazine Impurities	Fluphenazine Dihydrochloride EP Impurity D	VL1770011	2376-89-8
Fluphenazine Impurities	Fluphenazine Dihydrochloride Impurity E	VL1770012	58-39-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Fluphenazine Impurities	Fluphenazine Dihydrochloride EP Impurity F	VL1770013	N/A
Fluphenazine Impurities	Flurbiprofen Related Compound A	VL3090001	6341-72-6
Flupirtine Impurities	Flupirtine Dimer	VE006640	1417916-52-9
Flupirtine Impurities	N-Nitroso Flupirtine	VE006870	N/A
Flurbiprofen	Flurbiprofen EP Impurity B	VE006673	1797883-74-9
Flutamide Impurities	Flutamide EP Impurity B	VE005862	393-12-4
Flutamide Impurities	Flutamide EP Impurity A	VE005861	393-11-3
Fluticasone Impurities	Fluticasone Propionate Dithioacid	VL1000008	N/A
Fluticasone Impurities	Fluticasone Related Compound B	VL1000003	219719-95-6
Fluticasone Impurities	Fluticasone EP Impurity D	VL1000005	73205-13-7
Fluticasone Impurities	Fluticasone EP Impurity C	VL1000004	N/A
Fluticasone Impurities	Fluticasone EP Impurity B	VL1000002	N/A
Fluticasone Impurities	Fluticasone EP Impurity G	VL1000001	220589-37-7
Fluticasone Impurities	Fluticasone EP Impurity A	VL1000006	65429-42-7
Fluticasone Impurities	Fluticasone Related Compound J	VL1000007	28416-82-2
Fluticasone Impurities	Fluticasone Carbothioic Acid Impurity	VL1000009	80474-45-9
Fluticasone Impurities	Fluticasone Thioacid Impurity	VL1000010	N/A
Fluticasone Impurities	Fluticasone propionate impurity 1	VL1000011	59860-80-9
Fluticasone Impurities	Fluticasone EP Impurity F	VE006492	1219174-94-3
Fluticasone Impurities	6-Defluoro-6-oxo-fluticasone Propionate	VE006915	N/A
Fluvastatin Impurities	Fluvastatin Methyl Ester	VL3460002	93957-53-0
Fluvastatin Impurities	Fluvastatin Anti-isomer	VL3460001	N/A
Fluvoxamine Impurities	Fluvoxamine EP Impurity G	VL2690001	192876-02-1
Fluvoxamine Impurities	Fluvoxamine EP Impurity F	VL2690002	1217262-11-7
Fluvoxamine Impurities	Fluvoxamine Z-Isomer	VL2690003	917096-37-8
Folic acid Impurities	Folic Acid EP Impurity A	VL3520001	4271-30-1
Folic acid Impurities	Folic Acid EP Impurity B	VL3520002	35011-47-3
Folic acid Impurities	Folic Acid EP Impurity C	VL3520003	47707-78-8
Folic acid Impurities	Folic Acid EP Impurity D	VL3520004	119-24-4
Folic acid Impurities	Folic Acid EP Impurity E	VL3520005	1391068-26-0
Folic acid Impurities	Folic Acid EP Impurity F	VL3520006	1391194-56-1
Folic acid Impurities	Folic acid 4 Amino benzoic acid	VL3520007	150-13-0
Folic acid Impurities	Folic Acid EP Impurity B (free base)	VE006816	1004-75-7
Folinic acid Impurities	Folinic acid Impurity C	VL4810001	59-30-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Folinic acid Impurities	Folinic acid Impurity A	VL4810002	N/A
Folinic acid Impurities	Folinic Acid Impurity 8	VE006507	4349-41-1
Formoterol Impurities	Formoterol EP Impurity G	VL1700007	3706-26-1
Formoterol Impurities	Formoterol Amine Impurity	VL1700009	43229-65-8
Formoterol Impurities	Formoterol Fumarate EP Impurity A	VL1700001	150513-24-9
Formoterol Impurities	Formoterol Fumarate EP Impurity B	VL1700002	1224588-66-2
Formoterol Impurities	Formoterol EP Impurity C	VL1700003	1795135-61-3
Formoterol Impurities	Formoterol EP Impurity H	VL1700008	N/A
Formoterol Impurities	Formoterol EP Impurity I	VL1700010	532414-36-1
Formoterol Impurities	ArFormoterol Impurity	VL1700012	N/A
Formoterol Impurities	Formoterol Fumarate EP Impurity D	VE006033	1795133-97-9
Formoterol Impurities	3-Methyl Formoterol Hemifumarate (Mixture of Diastereomers)	VE006034	1795136-92-3
Formoterol Impurities	Formoterol EP Impurity F (Difumarate salt)	VE006035	1795129-60-0
Formoterol Impurities	rac-O-Benzyl N-Benzyl Formoterol (Mixture of Diastereomers)	VE006036	43229-70-5
Formoterol Impurities	Formoterol EP Impurity E	VL1700005	1616967-26-0
Fosaprepitant Impurity	Fosaprepitant Impurity C	VE006662	170729-80-3
Fosaprepitant Impurity	Fosaprepitant Desfluoro Impurity	VE007021	N/A
Fosinopril Impurities	Fosinopril In-house Impurity H	VL2980001	salt (NA), 149760-14-5 (free base)
Fosinopril Impurities	Fosinopril In-house Impurity A	VL2980002	N/A
Fosinopril Impurities	Fosinopril EP Impurity A	VL2980003	N/A
Fosinopril Impurities	Fosinopril In-house Impurity C	VL2980004	N/A
Fosinopril Impurities	Fosinopril In-house Impurity D	VL2980005	N/A
Fosinopril Impurities	Fosinopril In house Impurity G	VL2980006	N/A
Fulvestrant Impurities	17 Keto Fulvestrant	VL234007	403656-89-3
Fulvestrant Impurities	Fulvestrant EP Impurity F	VL234001	N/A
Fulvestrant Impurities	Fulvestrant EP Impurity A	VL234002	407577-53-1
Fulvestrant Impurities	Fulvestrant EP Impurity C	VL234003	N/A
Fulvestrant Impurities	Fulvestrant EP Impurity B	VL234004	98008-06-1
Fulvestrant Impurities	Fulvestrant EP Impurity E	VL234005	2170200-14-1
Fulvestrant Impurities	Fulvestrant EP Impurity D	VL234006	N/A
Fulvestrant Impurities	Fulvestrant Impurity 13	VE006803	2490287-87-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Fulvestrant Impurities	Fulvestrant Impurity 12	VE006804	2490287-82-4
Fulvestrant Impurities	Fulvestrant 4,4,5,5,5-Pentafluoropentanol	VE006476	148043-73-6
Fulvestrant Impurities	Fulvestrant 4,4,5,5,5-pentafluoropentyl methanesulfonate	VE006477	252947-01-6
Fulvestrant Impurities	Fulvestrant 9-[(4,4,5,5,5-Pentafluoropentyl)thio]nonanol	VE006478	511545-94-1
Fulvestrant Impurities	Fulvestrant 1,2-bis(9-bromononyl)disulfane	VE006480	N/A
Fulvestrant Impurities	Fulvestrant 9-[[9-[(4,4,5,5,5-Pentafluoropentyl)sulfonyl]nonyl]sulfonyl]nonyl Bromide	VE006481	1391053-14-7
Furosemide Impurities	Furosemide EP Impurity D	VL61001	5046-19-5
Furosemide Impurities	Furosemide EP Impurity E	VL61002	50-84-0
Furosemide Impurities	Furosemide EP Impurity A	VL61003	4818-59-1
Furosemide Impurities	Furosemide EP Impurity C	VL61004	3086-91-7
Furosemide Impurities	Furosemide EP Impurity B	VL61005	2736-23-4
Furosemide Impurities	Furosemide EP Impurity F	VL61006	4793-38-8
Fusidic Acid Impurities	Fusidic Acid EP Impurity G	VL2930001	4680-37-9
Fusidic Acid Impurities	Fusidic Acid EP Impurity I	VE006200	5951-83-7
Fusidic Acid Impurities	Fusidic Acid EP Impurity K	VE006202	4701-54-6
Fusidic Acid Impurities	Fusidic Acid EP Impurity O	VE006203	13090-91-0
Fusidic Acid Impurities	Fusidic Acid EP Impurity B	VE006317	N/A
Fusidic Acid Impurities	Fusidic Acid EP Impurity D	VE006319	N/A
Fusidic Acid Impurities	Fusidic Acid EP Impurity E	VE006320	N/A
Fusidic Acid Impurities	Fusidic Acid EP Impurity H	VE006321	16711-91-4
Fusidic Acid Impurities	Fusidic Acid EP Impurity L	VE006322	74048-41-2
Fusidic Acid Impurities	Fusidic Acid EP Impurity A	VE006323	80445-74-5
Fusidic Acid Impurities	Fusidic Acid EP Impurity F	VE006326	1415035-94-7
Fusidic Acid Impurities	Fusidic Acid BP Impurity M	VE006327	1013937-16-0
Gabapentin Impurities	Gabapentin EP Impurity A	VL75001	64744-50-9
Gabapentin Impurities	Gabapentin EP Impurity E	VL75003	667465-00-1
Gabapentin Impurities	Gabapentin EP Impurity B	VL75002	133481-09-1
Gabapentin Impurities	Gabapentin EP Impurity D	VL75006	1076198-17-8
Gabapentin Impurities	Gabapentin Impurity 2	VL75017	4355-11-7
Gabapentin Impurities	Gabapentin Impurity G	VL75007	1500558-49-5
Gabapentin Impurities	Gabapentin 1,1-Cyclohexane diacetic acid monoamide	VL75008	99189-60-3
Gabapentin Impurities	Gabapentin 1,1-Cyclohexane diacetic acid	VL75009	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Gabapentin Impurities	Gabapentin Cyclic Impurity	VL75010	N/A
Gabapentin Impurities	Gabapentin Acid Impurity	VL75011	1281568-83-9
Gabapentin Impurities	Gabapentin Allyl Impurity	VL75012	N/A
Gabapentin Impurities	Gabapentin Related Impurity	VL75015	N/A
Gabapentin Impurities	Gabapentin (2-Azaspiro[4.5]decane-1,3-dione)	VL75018	1197-80-4
Ganciclovir Impurities	Ganciclovir Divalinate Impurity	VL1820003	130914-71-5
Ganciclovir Impurities	Ganciclovir EP Impurity C	VL1820005	108436-36-8
Ganciclovir Impurities	Ganciclovir Mono N-methyl Valinate	VL1820012	1401562-16-0
Ganciclovir Impurities	Ganciclovir EP Impurity B	VE006217	N/A
Ganciclovir Impurities	Ganciclovir EP Impurity H	VE007043	84222-50-4
Gatifloxacin Impurities	Gatifloxacin Related Compound A	VL239001	616205-76-6
Gatifloxacin Impurities	Gatifloxacin Related Compound D	VL239004	112811-57-1
Gatifloxacin Impurities	Gatifloxacin Related Compound E	VL239005	1029364-65-5
Gefitinib Impurities	Gefitinib Impurity III	VL4010001	95-76-1
Gefitinib Impurities	Gefitinib Impurity V	VL4010002	367-21-5
Gefitinib Impurities	Gefitinib impurity VI	VL4010003	7357-67-7
Gefitinib Impurities	Gefitinib Impurity 4	VL4010004	179688-52-9
Gefitinib Impurities	Gefitinib Impurity 2	VL4010006	675126-26-8
Gefitinib Impurities	Gefitinib Impurity 10	VL4010005	230955-75-6
Gefitinib Impurities	Gefitinib Impurity 12	VL4010007	184475-71-6
Gefitinib Impurities	Gefitinib Impurity	VL4010008	13794-72-4
Gemcitabine Impurities	Gemcitabine Alpha - Anomer Impurity	VL72001	95058-81-4
Gemfibrozil Impurities	Gemfibrozil EP Impurity A	VL3720001	95-87-4
Gemfibrozil Impurities	Gemfibrozil EP Impurity I	VL3720002	149105-25-9
Genotoxic Impurities	Ethylene glycol bis-p-toluenesulfonate	VL4850001	6315-52-2
Glibenclamide Impurities	Glibenclamide EP Impurity A	VL2470001	N/A
Glibenclamide Impurities	Glibenclamide EP Impurity B	VL2470002	21165-77-5
Glibenclamide Impurities	Glibenclamide EP Impurity C	VL2470003	10079-35-3
Gliclazide Impurities	Gliclazide EP Impurity A	VL650003	70-55-3
Gliclazide Impurities	Gliclazide EP Impurity B	VL650002	54786-86-6
Gliclazide Impurities	Gliclazide EP Impurity F	VL650001	1076198-18-9
Gliclazide Impurities	Gliclazide EP Impurity C	VL650004	5577-13-9
Glimepiride Impurities	Glimepiride EP Impurity A	VL71001	684286-46-2
Glimepiride Impurities	Glimepiride EP Impurity C	VL71003	119018-30-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Glimepiride Impurities	Glimepiride EP Impurity D	VL71004	791104-62-6
Glimepiride Impurities	Glimepiride EP Impurity B	VL71002	119018-29-0
Glimepiride Impurities	Glimepiride EP Impurity E	VL71005	N/A
Glimepiride Impurities	Glimepiride EP Impurity G	VL71007	N/A
Glimepiride Impurities	Glimepiride EP Impurity H	VL71008	N/A
Glimepiride Impurities	Glimepiride EP Impurity J	VL71009	41176-98-1
Glimepiride Impurities	Glimepiride EP Impurity I	VL71010	878480-70-7
Glimepiride Impurities	Trans-4-methylcyclohexylisocyanate	VL71011	32175-00-1
Glimepiride Impurities	Chlorosulfonic acid	VL71012	N/A
Glimepiride Impurities	Trans-Hydroxy Glimepiride	VE006433	600177-94-4
Glipizide Impurities	Glipizide EP Impurity A	VL66001	33288-71-0
Glipizide Impurities	Glipizide EP Impurity G	VL66002	33288-74-3
Glipizide Impurities	Glipizide EP Impurity F	VL66007	192118-08-4
Glipizide Impurities	Glipizide EP Impurity H	VL66008	10080-05-4
Glipizide Impurities	Glipizide EP Impurity C	VL66009	13554-93-3
Glipizide Impurities	Glipizide Isopropyl Carbamate	VL66003	N/A
Glipizide Impurities	Glipizide EP Impurity D	VL66005	1346600-54-1
Glipizide Impurities	Glipizide EP Impurity E	VL66006	66375-96-0
Glipizide Impurities	Glipizide Ethyl carbamate Impurity	VL66004	N/A
Glyburide / Glibenclamide Impurities	Glyburide Impurity A	VL69001	16673-34-0
Glyburide / Glibenclamide Impurities	Glyburide 3-Chloro	VL69002	57334-89-1
Glyburide / Glibenclamide Impurities	Glyburide Related Compound C	VL69003	N/A
Glycopyrrolate Impurities	Glycopyrrolate Related compound B	VL3880001	13118-10-0
Glycopyrrolate Impurities	Glycopyrrolate Related compound C	VL3880002	427-49-6
Glycopyrrolate Impurities	Glycopyrrolate Related compound L	VL3880003	N/A
Glycopyrrolate Impurities	Erythro glycopyrrolate	VL3880005	475468-09-8
Glycopyrrolate Impurities	Didehydroglycopyrrolate	VL3880006	N/A
Glycopyrrolate Impurities	Glycopyrrolate Impurity 1	VE006544	51052-74-5
Glycopyrrolonium Impurities	Glycopyrrolonium Bromide EP Impurity B	VL2410001	611-73-4
Glycopyrrolonium Impurities	Glycopyrrolonium Bromide EP Impurity D	VL2410003	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Glycopyrronium Impurities	Glycopyrronium Bromide EP Impurity F	VL2410004	N/A
Glycopyrronium Impurities	Glycopyrronium Bromide EP Impurity H	VL2410005	15206-55-0
Glycopyrronium Impurities	Glycopyrronium Bromide Impurity L	VL2410007	19833-96-6
Glycopyrronium Impurities	Glycopyrronium Bromide EP Impurity M	VL2410008	N/A
Glycopyrronium Impurities	Glycopyrronium Bromide Impurity O	VL2410009	618-88-2
Glycopyrronium Impurities	Glycopyrronium Bromide EP Impurity I	VL2410011	1404617-94-2
Granisetron Impurities	Granisetron EP Impurity G	VL4210001	34252-44-3
Granisetron Impurities	Granisetron EP Impurity H	VL4210002	4498-67-3
Granisetron Impurities	Granisetron EP Impurity B	VE006254	107007-95-4
Granisetron Impurities	Granisetron EP Impurity C	VE006255	141136-01-8
Guaifenesin Impurities	Guaifenesin EP Impurity C	VL235001	1797132-23-0
Guaifenesin Impurities	Guaifenesin EP Impurity D	VL235002	N/A
Guaifenesin Impurities	Guaifenesin EP Impurity B	VL235003	14007-09-1
Guaifenesin Impurities	Guaifenesin EP Impurity A	VL235005	90-05-1
Guaifenesin Impurities	rac Guaifenesin Cyclic Carbonate	VL235006	2049-21-0
Guaifenesin Impurities	2,6-dichlorophenylacetic acid	VL235007	6575-24-2
Guaifenesin Impurities	Methyl 2,6-dichlorophenylacetate	VL235008	54551-83-6
Guaifenesin Impurities	Guanidine HCl	VL235009	50-01-1
Halobetasol Impurities	Halobetasol 21 Chloro Diflorasone	VL2370001	98651-66-2
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity K	VE006084	65135-24-2
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity J	VE006083	1797983-18-6
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity I	VE006082	N/A
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity H	VE006081	1134807-34-3
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity F	VE006079	1797131-50-0
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity E	VE006078	1796933-22-6
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity D	VE006077	1797008-46-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity C	VE006076	N/A
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity B	VE006075	N/A
Haloperidol Decanoate Impurities	Haloperidol Decanoate EP Impurity A	VE006074	1797824-64-6
Haloperidol Impurities	cis trans Haloperidol N Oxide	VL1120004	148406-51-3
Haloperidol Impurities	Haloperidol 4 fluoro Benzoic acid	VL1120005	456-22-4
Haloperidol Impurities	Haloperidol Byproduct 3	VL1120006	N/A
Haloperidol Impurities	Haloperidol EP Impurity G	VL1120007	52669-92-8
Haloperidol Impurities	Haloperidol Byproduct 5	VL1120008	N/A
Haloperidol Impurities	Haloperidol Byproduct 7	VL1120009	N/A
Haloperidol Impurities	Haloperidol Byproduct 8	VL1120010	N/A
Haloperidol Impurities	Haloperidol EP Impurity B	VL1120001	1391052-53-1
Haloperidol Impurities	Haloperidol EP Impurity A	VL1120002	3109-12-4
Haloperidol Impurities	Haloperidol EP Impurity D	VL1120003	67987-08-0
Haloperidol Impurities	Haloperidol EP Impurity E	VL1120011	1391054-69-5
Haloperidol Impurities	Haloperidol EP Impurity F	VL1120012	1391052-67-7
Haloperidol Impurities	Haloperidol Impurity H	VL1120014	N/A
Haloperidol Impurities	N,C-Fluorophenylbutyryl-haloperidol	VE006879	N/A
Haloperidol Impurities	N,O-Fluorophenylbutyryl Haloperidol	VE006880	N/A
Hydralazine Impurities	Hydralazine Dimer Impurity	VL1660001	24030-07-7
Hydralazine Impurities	Hydrazine Carboxylic Acid Methylester	VL1660002	6294-89-9
Hydralazine Impurities	Hydralazine 1-Phthalazinone	VL1660003	119-39-1
Hydralazine Impurities	Hydralazine 1 Chlorophthalazine	VL1660006	5784-45-2
Hydrochlorothiazide Impurities	5 chlorohydrochlorothiazide	VL80004	5233-42-1
Hydrochlorothiazide Impurities	Hydrochlorothiazide EP Impurity C	VL80001	402824-96-8
Hydrochlorothiazide Impurities	Hydrochlorothiazide EP Impurity A	VL80002	58-94-6
Hydrochlorothiazide Impurities	Hydrochlorothiazide EP Impurity B	VL80003	N/A
Hydrochlorothiazide Impurities	Hydrochlorothiazide HCTZ Dimer Marker Mixture	VL80005	N/A
Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity E	VL1870006	7753-60-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity G	VL1870008	81968-66-3
Hydrocortisone Impurities	11 beta-Formyl Hydrocortisone Acetate	VL1870021	N/A
Hydrocortisone Impurities	Hydrocortisone 21 valerate impurity	VL1870002	6678-00-8
Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity B	VL1870003	641-77-0
Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity C	VL1870004	52-21-1
Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity D	VL1870005	53-35-0
Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity F	VL1870007	1250-97-1
Hydrocortisone Impurities	Hydrocortisone Anecortave acetate	VL1870010	N/A
Hydrocortisone Impurities	Hydrocortisone EP Impurity H	VL1870011	N/A
Hydrocortisone Impurities	Hydrocortisone Acetate EP Impurity A	VL1870015	N/A
Hydrocortisone Impurities	17 Dehydro 21 Hydroxy Hydrocortisone	VL1870016	68473-77-8
Hydrocortisone Impurities	Hydrocortisone EP Impurity M	VL1870017	566-35-8
Hydrocortisone Impurities	Hydrocortisone EP Impurity N	VL1870018	N/A
Hydrocortisone Impurities	Hydrocortisone 21 propionate	VL1870019	6677-98-1
Hydrocortisone Impurities	Hydrocortisone EP Impurity C	VL1870023	50-03-3
Hydrocortisone Impurities	Hydrocortisone EP Impurity B	VL1870025	53-06-5
Hydrocortisone Impurities	Hydrocortisone EP Impurity F	VL1870026	152-58-9
Hydrocortisone Impurities	Hydrocortisone-20-acid	VE006170	3597-45-3
Hydrocortisone Impurities	Hydrocortisone EP Impurity A	VE006173	50-24-8
Hydrocortisone Impurities	Hydrocortisone EP Impurity E	VE006374	600-99-7
Hydrocortisone Impurities	Hydrocortisone EP Impurity G	VE006375	906337-64-2
Hydroquinone Impurities	Hydroquinone Impurity	VL283001	N/A
Hydroxychloroquine Impurities	Hydroxychloroquine O acetate	VL3670003	47493-14-1
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity B (Na Salt)	VL3670002	N/A
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity A	VE005938	1449223-88-4
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity C	VE005939	4298-15-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity D	VE005940	1476-52-4
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity E	VE005942	10500-64-8
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity G	VE005944	N/A
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity F	VE005943	6281-58-9
Hydroxychloroquine Impurities	Hydroxychloroquine S-isomer Impurity	VE005982	137433-24-0
Hydroxychloroquine Impurities	Hydroxychloroquine R-isomer Impurity	VE005981	137433-23-9
Hydroxychloroquine Impurities	Hydroxychloroquine Aminopentyl	VE005980	69559-11-1
Hydroxychloroquine Impurities	Hydroxychloroquine Acid	VE005978	645406-24-2
Hydroxychloroquine Impurities	Hydroxychloroquine 3-Bromo Impurity	VE005979	2054859-08-2
Hydroxychloroquine Impurities	Hydroxychloroquine Dimer	VE005983	N/A
Hydroxychloroquine Impurities	Hydroxychloroquine EP Impurity B (Free Base)	VE005945	103152-84-7
Hydroxyzine Impurities	Hydroxyzine N Oxide	VL4940001	N/A
Hydroxyzine Impurities	Hydroxyzine O Acetyl Impurity	VL4940002	N/A
Hydroxyzine Impurities	Hydroxyzine EP Impurity B (free base)	VE006626	3733-63-9
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity E	VL78002	22235-98-9
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity D	VL78001	N/A
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity F	VL78003	N/A
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity G	VL78004	N/A
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity C	VL78006	N/A
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity B	VL78005	529-64-6
Hyoscine Butylbromide Impurities	Hyoscine Butylbromide EP Impurity E (free base)	VE007448	14861-14-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Hyoscine Hydrobromide Impurities	Hyoscine Hydrobromide Impurity B	VL4790001	4684-28-0
Hyoscine Hydrobromide Impurities	Hyoscine Hydrobromide Impurity C	VL4790002	155-41-9
Ibrutinib Impurities	Ibrutinib (S)-Isomer	VE007027	936563-97-2
Ibuprofen Impurities	Ibuprofen EP Impurity B	VL81001	3585-49-7
Ibuprofen Impurities	Ibuprofen EP Impurity A	VL81002	66622-47-7
Ibuprofen Impurities	Ibuprofen EP Impurity L	VL81007	53949-53-4
Ibuprofen Impurities	Ibuprofen EP Impurity M	VL81008	60057-62-7
Ibuprofen Impurities	DL-2-4-Carboxyphenyl propionic Acid	VL81018	67381-50-4
Ibuprofen Impurities	Ibuprofen Aldehyde Impurity	VL81013	51407-46-6
Ibuprofen Impurities	Ibuprofen EP Impurity J	VL81003	65813-55-0
Ibuprofen Impurities	Ibuprofen EP Impurity D	VL81005	938-94-3
Ibuprofen Impurities	Ibuprofen EP Impurity E	VL81006	38861-78-8
Ibuprofen Impurities	Ibuprofen EP Impurity N	VL81009	3585-52-2
Ibuprofen Impurities	Ibuprofen EP Impurity F	VL81010	N/A
Ibuprofen Impurities	Ibuprofen EP Impurity O	VL81011	64451-76-9
Ibuprofen Impurities	Ibuprofen Methyl Ester	VL81012	61566-34-5
Ibuprofen Impurities	Ibuprofen Sorbital Ester	VL81014	N/A
Ibuprofen Impurities	Ibuprofen Isopropyl Ester	VL81015	64622-17-9
Ibuprofen Impurities	2 4 Isobutyrylphenyl propane	VL81017	72846-62-9
Ibuprofen Impurities	Ibuprofen NPPP 2 4 n Propylphenyl propionic acid	VL81019	3585-47-5
Ibuprofen Impurities	Ibuprofen EP Impurity Q	VL81020	36039-35-7
Ibuprofen Impurities	4-Formyl- α -methylbenzeneacetic Acid	VL81021	43153-07-7
Ibuprofen Impurities	Ibuprofen EP Impurity P	VL81004	36039-36-8
Ibuprofen Impurities	Ibuprofen EP Impurity G	VE006272	1391054-15-1
Ibuprofen Impurities	Ibuprofen EP Impurity H	VE006273	2143535-25-3
Ibuprofen Impurities	Ibuprofen EP Impurity I	VE006274	2143535-26-4
Ibuprofen Impurities	Ibuprofen EP Impurity R	VE006275	102120-87-6
Iloperidone Impurities	2 Hydroxy 3 Methoxyacetophenone	VL2110001	703-98-0
Imatinib Impurities	Imatinib EP impurity C	VL272001	404844-02-6
Imatinib Impurities	Imatinib EP Impurity D	VL272002	1821122-73-9
Imatinib Impurities	Imatinib EP Impurity B	VL272003	581076-65-5
Imatinib Impurities	Imatinib EP Impurity H	VL272005	350-03-08
Imatinib Impurities	Imatinib Impurity 3	VL272006	152459-96-6
Imatinib Impurities	Imatinib EP Impurity A	VL272007	55314-16-4
Imatinib Impurities	Imatinib EP Impurity F	VL272008	152460-10-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Imatinib Impurities	Imatinib Impurity J	VL272009	571186-91-9
Imatinib Impurities	Imatinib pyridine N oxide Impurity	VL272010	571186-92-0
Imatinib Impurities	Imatinib Piperazine-N,N-DiOxide	VE006650	571186-93-1
Imidazole Impurities	2-Methyl-5-Nitro-1-Nitroso-1H-imidazole	VE006862	N/A
Imidazole Impurities	5-Nitro-1-Nitroso-1H-imidazole	VE006863	N/A
Indapamide Impurities	Indapamide EP Impurity A	VL2610001	85440-79-5
Indapamide Impurities	Indapamide Impurity B	VL2610002	63968-75-2
Indomethacin Impurities	Indomethacin EP Impurity D	VL2600001	N/A
Indomethacin Impurities	Indomethacin EP Impurity E	VL2600002	807614-94-4
Indomethacin Impurities	Indomethacin EP Impurity G	VL2600003	402849-26-7
Indomethacin Impurities	Indomethacin EP Impurity A	VL2600004	N/A
Indomethacin Impurities	Indomethacin EP Impurity C	VL2600005	4018-82-0
Indomethacin Impurities	Indomethacin EP Impurity H	VL2600006	1601-18-9
Indomethacin Impurities	Indomethacin EP Impurity I	VL2600008	16401-99-3
Ipratropium Impurities	Ipratropium EP Impurity C	VL1940001	552-63-6
Ipratropium Impurities	Ipratropium EP Impurity D	VL1940002	492-38-6
Ipratropium Impurities	Ipratropium EP Impurity F	VL1940003	17812-46-3
Ipratropium Impurities	Ipratropium EP Impurity E	VL1940004	183626-76-8
Irbesartan Impurities	Irbesartan EP Impurity A	VL84001	748812-53-5
Irbesartan Impurities	Irbesartan Impurity C	VL84003	160514-13-6
Irbesartan Impurities	Irbesartan Impurity B	VL84002	138401-24-8
Irbesartan Impurities	Irbesartan Impurity 6	VL84010	138402-10-5
Irbesartan Impurities	Irbesartan Bromo Nitrile Impurity	VL84004	N/A
Irbesartan Impurities	Irbesartan Propyl Analog	VL84005	N/A
Irbesartan Impurities	Irbesartan Impurity D	VL84006	N/A
Irbesartan Impurities	Irbesartan Nitrile	VL84008	N/A
Irbesartan Impurities	Demethyl Irbesartan Impurity	VL84011	158778-58-6
Irbesartan Impurities	Irbesartan Dimer Impurity	VL84012	1346598-52-4
Irbesartan Impurities	Irbesartan Nitroso Impurity	VE006176	N/A
Irbesartan Impurities	Irbesartan Nitroso Spiro Impurity	VE006185	N/A
Irbesartan Impurities	Irbesartan Lactam Impurity	VE006328	151257-01-1
Isopropyl Benzene sulfonate Impurities	Isopropyl Benzenesulfonate	VL3330001	6214-18-2
Isoquinoline Impurities	1 Chloro 6 6 Dimethyl Hept 2en 4yne	VL2390001	126764-17-8
Isotretinoin Impurity	Isotretinoin EP Impurity A	VE006916	302-79-4
Itopride Impurities	Itopride N-Desmethyl Impurity	VE006188	5922-37-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Itraconazole Impurities	Itraconazole EP Impurity A	VL680001	252964-68-4
Itraconazole Impurities	Itraconazole EP Impurity B	VL680002	854372-77-3
Itraconazole Impurities	Itraconazole EP Impurity C	VL680003	74855-91-7
Itraconazole Impurities	Itraconazole EP Impurity D	VL680004	89848-49-7
Itraconazole Impurities	Itraconazole EP Impurity E	VL680005	252964-65-1
Itraconazole Impurities	Itraconazole EP Impurity F	VL680006	89848-51-1
Itraconazole Impurities	Itraconazole EP Impurity G	VL680007	N/A
Itraconazole Impurities	Itraconazole Methoxyamino Impurity	VE006207	74852-62-3
Itraconazole Impurities	Itraconazole Methoxy Phenoxy Impurity	VE006865	74853-06-8
Ivabradine Impurities	Ivabradine R Isomer	VL2310001	148849-68-7
Ivabradine Impurities	Ivabradine Dehydro Impurity	VE006013	1086026-31-4
Ivabradine Impurities	Ivabradine N-Oxide	VE006012	N/A
Ivabradine Impurities	Ivabradine Acid Impurity	VE006014	1462470-54-7
Ivabradine Impurities	5-Hydroxy Ivabradine impurity	VE006015	N/A
Ivabradine Impurities	1-Hydroxy Ivabradine impurity	VE006016	N/A
Ivabradine Impurities	N-Demethyl Ivabradine impurity	VE006018	1246638-08-3
Ivabradine Impurities	Ivabradine amine impurity	VE006017	85175-77-5
Ivermectin Impurities	Ivermectin EP Impurity B	VE006957	65195-56-4
Ivermectin Impurities	Ivermectin EP Impurity H	VE006958	71837-27-9
Ivermectin Impurities	Ivermectin EP Impurity D	VE006959	102190-55-6
Ketamine Impurities	Ketamine EP Impurity B	VL3640001	1823362-29-3
Ketoprofen Impurities	Ketoprofen Related Compound A	VL4650001	107257-20-5
Ketoprofen Impurities	Ketoprofen Related Compound D	VL4650002	66067-44-5
Ketoprofen Impurities	Ketoprofen Related Compound C	VL4650003	68432-95-1
Ketoprofen Impurities	Ketoprofen Related Compound F	VL4650004	42872-30-0
Ketoprofen Impurities	Ketoprofen R-Isomer	VE006853	56105-81-8
Ketorolac Impurities	Ketorolac EP Impurity C	VL237005	1026936-07-1
Ketorolac Impurities	Ketorolac EP Impurity A	VL237001	154476-25-2
Ketorolac Impurities	Ketorolac EP Impurity F	VL237007	1391052-68-8
Ketorolac Impurities	Ketorolac EP Impurity E	VL237002	167105-80-8
Ketorolac Impurities	Ketorolac EP Impurity B	VL237003	113502-52-6
Ketorolac Impurities	Ketorolac USP Impurity D	VL237004	N/A
Ketorolac Impurities	Ketorolac EP Impurity D	VL237006	1391053-45-4
Ketorolac Impurities	Ketorolac EP Impurity G	VL237008	1391051-90-3
Ketorolac Impurities	Ketorolac EP Impurity H	VL237009	80965-09-9
Ketorolac Impurities	Ketorolac EP Impurity I	VL237010	113502-55-9
Ketorolac Impurities	Ketorolac EP Impurity J	VL237011	108061-03-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Labetolol Impurities	Labetolol EP Impurity A	VL4600001	1391051-99-2
Lacidipine Impurities	Lacidipine BP Impurity C	VL2840001	N/A
Lacosamide Impurities	Lacosamide EP Impurity A	VL1250010	175481-37-5
Lacosamide Impurities	Lacosamide EP Impurity B	VL1250012	1318777-54-6
Lacosamide Impurities	Lacosamide EP Impurity C	VL1250008	N/A
Lacosamide Impurities	Lacosamide EP Impurity D	VL1250013	196601-69-1
Lacosamide Impurities	Lacosamide EP Impurity E	VL1250014	175481-39-7
Lacosamide Impurities	Lacosamide EP Impurity F	VL1250011	175481-38-6
Lacosamide Impurities	Lacosamide EP Impurity G	VL1250015	588-46-5
Lacosamide Impurities	Lacosamide EP Impurity H	VL1250016	1375090-19-9
Lacosamide Impurities	Lacosamide EP Impurity I	VL1250017	N/A
Lacosamide Impurities	Lacosamide EP Impurity J	VL1250018	100-46-9
Lacosamide Impurities	Lacosamide EP Impurity K	VL1250019	86921-49-5
Lacosamide Impurities	Lacosamide Impurity 2	VL1250021	N/A
Lacosamide Impurities	Desmethyl Lacosamide	VL1250004	N/A
Lacosamide Impurities	O-Acetyl Lacosamide	VL1250005	N/A
Lacosamide Impurities	Lacosamide Impurity VI	VL1250020	2295925-90-3
Lacosamide Impurities	Lacosamide Impurity 1	VL1250022	3287-99-8
Lacosamide Impurities	2-acetyl amino-N-benzyl popionamide (Lacosamide In house Impurity)	VL1250023	175481-36-4
Lacosamide Impurities	Lacosamide Propanoyl Impurity	VL1250025	1318777-56-8
Lacosamide Impurities	Lacosamide N-Acetyl-O-Methyl-D Serine	VL1250026	N/A
Lacosamide Impurities	Lacosamide N-Acetyl-O-Methyl-D-serinamide	VL1250027	N/A
Lacosamide Impurities	Lacosamide Inhouse Impurity O	VE006692	N/A
Lamivudine Impurities	Lamivudine EP Impurity A	VL12002	173829-09-9
Lamivudine Impurities	Lamivudine EP Impurity B	VL12007	N/A
Lamivudine Impurities	Lamivudine EP Impurity J	VL12008	145986-07-8
Lamivudine Impurities	Lamivudine EP Impurity G	VL12003	160552-55-6
Lamivudine Impurities	Lamivudine Diastereomer Impurity	VL12001	N/A
Lamivudine Impurities	Lamivudine EP Impurity H	VL12004	160552-54-5
Lamivudine Impurities	Lamivudine EP Impurity E	VL12005	71-30-7
Lamivudine Impurities	Lamivudine EP Impurity D	VL12006	134680-32-3
Lamotrigine Impurities	Lamotrigine EP Impurity C	VL980006	84689-20-3
Lamotrigine Impurities	Lamotrigine EP Impurity B	VL980007	94213-24-8
Lamotrigine Impurities	Lamotrigine EP Impurity D	VL980008	661463-79-2
Lamotrigine Impurities	Lamotrigine EP Impurity G	VL980009	38943-76-9
Lamotrigine Impurities	Lamotrigine EP Impurity E	VL980001	50-45-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Lamotrigine Impurities	2,5 Dichloro Lamotrigine	VL980019	N/A
Lamotrigine Impurities	Lamotrigine Dimer Impurity	VL980013	1373393-59-9
Lamotrigine Impurities	Lamotrigine EP Impurity A	VL980002	252186-78-0
Lamotrigine Impurities	Lamotrigine EP Impurity F	VL980003	252186-79-1
Lamotrigine Impurities	Lamotrigine N Acetate impurity	VL980024	77668-57-6
Lamotrigine Impurities	2 3 Dichlorobenzoyl Cyanide Lamotrigine	VL980011	77668-42-9
Lansoprazole Impurities	Lansoprazole Acid Impurity	VL92002	N/A
Lansoprazole Impurities	Lansoprazole EP Impurity A	VL92001	213476-12-1
Lansoprazole Impurities	Lansoprazole EP Impurity D	VL92009	615-16-7
Lansoprazole Impurities	Lansoprazole EP Impurity C	VL92004	103577-40-8
Lansoprazole Impurities	Cumene hydroperoxide	VL92005	80-15-9
Lansoprazole Impurities	Lansoprazole EP Impurity E	VL92006	N/A
Lansoprazole Impurities	2,3-dimethyl-4-nitro pyridine-1-oxide	VL92007	37699-43-7
Lansoprazole Impurities	2-Aminoaniline	VL92008	95-54-5
Lansoprazole Impurities	Lansoprazole EP Impurity B	VL92003	N/A
Latanoprost Impurities	Latanoprost Related Compound D	VL93002	477884-78-9
Latanoprost Impurities	Latanoprost Related Compound E	VL93003	N/A
Latanoprost Impurities	Latanoprost Acid Impurity	VL93004	41639-83-2
Latanoprost Impurities	Latanoprost Related Compound A	VL93005	913258-34-1
Latanoprost Impurities	15 Keto Latanoprost	VL93006	135646-98-9
Latanoprost Impurities	Latanoprost Related Compound B	VE006141	145773-22-4
Latanoprost Impurities	2-Nor Latanoprost	VE007059	N/A
Leflunomide Impurities	Leflunomide EP Impurity C	VL1060001	61643-23-0
Leflunomide Impurities	Leflunomide EP Impurity A	VL1060002	455-14-1
Leflunomide Impurities	Leflunomide EP Impurity B	VL1060003	163451-81-8
Leflunomide Impurities	Leflunomide EP Impurity D	VL1060004	42831-50-5
Leflunomide Impurities	Leflunomide EP Impurity E	VL1060005	208401-20-1
Leflunomide Impurities	Leflunomide EP Impurity H	VL1060006	24522-30-3
Leflunomide Impurities	Leflunomide Metabolite Ethyl Analog	VL1060017	N/A
Leflunomide Impurities	Leflunomide Inhouse Impurity	VL1060015	N/A
Leflunomide Impurities	Leflunomide EP Impurity F	VL1060008	1403564-06-6
Leflunomide Impurities	Leflunomide EP Impurity G	VL1060009	724429-16-7
Leflunomide Impurities	4-Chlorobenzotrifluoride	VL1060010	98-56-6
Leflunomide Impurities	2-Chlorobenzotrifluoride	VL1060011	88-16-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Leflunomide Impurities	2-Aminobenzotrifluoride	VL1060012	88-17-5
Leflunomide Impurities	3-Aminobenzotrifluoride	VL1060013	98-16-8
Leflunomide Impurities	Leflunomide Impurity 2	VL1060016	17153-20-7
Leflunomide Impurities	Ethyl 3-methylisoxazole-4-carboxylate	VL1060018	20328-15-8
Lenalidomide Impurities	Lenalidomide Impurity 1	VL1720001	2197414-57-4
Lenalidomide Impurities	Lenalidomide Impurity 2	VL1720002	2197420-75-8
Lenalidomide Impurities	Lenalidomide N-Hydroxy Impurity	VL1720003	N/A
Lenalidomide Impurities	N-acetyl Lenalidomide	VL1720004	1421593-80-7
Lenalidomide Impurities	Lenalidomide N-formyl Impurity	VL1720005	2197414-56-3
Lenalidomide Impurities	Lenalidomide N-Methyl Impurity	VL1720006	N/A
Lenvatinib Impurities	Desamino Hydroxy Lenvatinib	VL3660001	417717-21-6
Lercanidipine Impurities	Lercanidipine Impurity B	VL1010001	1119226-97-9
Lercanidipine Impurities	Lercanidipine Impurity C	VL1010002	1797124-83-4
Lercanidipine Impurities	Lercanidipine Impurity D	VL1010003	887769-34-8
Lercanidipine Impurities	Lercanidipine 1-[(3,3-Diphenylpropyl)(methyl)amino]-2-methyl-2-propanol Impurity	VE006874	100442-33-9
Letrozole Impurities	Letrozole N-Oxide	VL2730001	N/A
Letrozole Impurities	Letrozole Related Compound A	VL2730002	112809-52-6
Letrozole Impurities	Letrozole Diacid Impurity	VL2730003	1644566-39-1
Letrozole Impurities	Letrozole EP Impurity B	VL2730004	113402-31-6
Levetiracetam Impurities	Levetiracetam EP Impurity D	VL1280001	103765-01-1
Levetiracetam Impurities	Levetiracetam EP Impurity B	VL1280008	358629-47-7
Levetiracetam Impurities	Levetiracetam EP Impurity C	VL1280009	142-08-05
Levetiracetam Impurities	Levetiracetam Working Standard	VL1280010	102767-28-2
Levetiracetam Impurities	Levetiracetam Related Compound A	VL1280012	102767-31-7
Levetiracetam Impurities	Levetiracetam Related Compound B	VL1280013	7682-20-4
Levetiracetam Impurities	Levetiracetam Impurity E	VL1280015	3886-69-9
Levetiracetam Impurities	Levetiracetam EP Impurity A	VL1280002	67118-31-4
Levetiracetam Impurities	Levetiracetam (R) Carboxylic Acid	VE006148	103833-72-3
Levetiracetam Impurities	Levetiracetam Alkene Impurity	VE006215	N/A
Levetiracetam Impurities	Levetiracetam Related Compound B (free base)	VE006674	7324-11-0
Levocetirizine Impurities	Levocetirizine S-Isomer Impurity	VL1550001	163837-48-7
Levocetirizine Impurities	Levocetirizine Impurity 6	VL1550002	N/A
Levocetirizine Impurities	Levocetirizine N-Oxide	VL1550009	442863-80-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Levocetirizine Impurities	Levocetirizine Amide Impurity	VL1550010	909779-33-5
Levocetirizine Impurities	Levocetirizine Impurity 4	VL1550013	N/A
Levocetirizine Impurities	Levocetirizine Impurity 7	VL1550014	58023-19-1
Levocetirizine Impurities	Levocetirizine Chlorobenzhydryl Piperazine	VL1550016	300543-56-0
Levocetirizine Impurities	P-Chlorobenzophenone	VL1550019	N/A
Levocetirizine Impurities	P-Chlorobenzhydrol	VL1550020	N/A
Levodopa Impurities	Levodopa EP Impurity C	VL1860001	7636-26-2
Levodopa Impurities	Levodopa EP Impurity D	VL1860002	5796-17-8
Levodopa Impurities	Levodopa-3-acetyl L-tyrosine impurity	VL1860003	32404-28-7
Levodopa Impurities	Levodopa EP Impurity B	VL1860004	60-18-4
Levodopa Impurities	Levodopa EP Impurity A	VE006138	27244-64-0
Levodropropizine Impurities	Levodropropizine EP Impurity A	VL4770001	99291-24-4
Levofloxacin Impurities	Levofloxacin EP Impurity C	VL86002	117678-38-3
Levofloxacin Impurities	Levofloxacin Related Compound E	VL86003	1346603-62-0
Levofloxacin Impurities	Levofloxacin Formyl Impurity 4	VL86004	N/A
Levofloxacin Impurities	Levofloxacin EP Impurity H	VL86006	177472-30-9
Levofloxacin Impurities	Levofloxacin EP Impurity F	VL86005	100986-89-8
Levofloxacin Impurities	Levofloxacin EP Impurity B	VL86001	117707-40-1
Levofloxacin Impurities	Levofloxacin Diamine Impurity	VL86007	1797099-76-3
Levofloxacin Impurities	Levofloxacin Piperazine Analogue	VL86009	N/A
Levofloxacin Impurities	Levofloxacin Related Compound F	VL86010	117620-85-6
Levofloxacin Impurities	Levofloxacin EP Impurity E	VL86011	178964-53-9
Levofloxacin Impurities	Levofloxacin R Isomer	VL860015	100986-86-5
Levomepromazine Impurities	Levomepromazine EP Impurity A	VL3950001	1771-18-2
Levomepromazine Impurities	Levomepromazine EP Impurity B	VL3950002	7606-29-3
Levonorgestrel Impurities	Levonorgestrel EP Impurity I	VL4240001	20402-62-4
Levonorgestrel Impurities	Levonorgestrel EP impurity M	VE006231	51087-61-7
Levonorgestrel Impurities	Levonorgestrel EP Impurity S	VE006383	176254-10-7
Levonorgestrel Impurities	Levonorgestrel EP Impurity L	VE006615	21800-83-9
Levosimendan Impurities	Levosimendan Cyanoacetamide Hydrazone Impurity	VE006146	274263-65-9
Levosulpride Impurities	Levosulpride EP Impurity A	VL580001	22795-99-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Levothyroxine Impurities	3,5,3',5'-Tetraiodo Thyrolactic Acid	VL1320006	7069-47-8
Levothyroxine Impurities	Levothyroxine EP Impurity B	VL1320012	1628720-66-0
Levothyroxine Impurities	Levothyroxine EP Impurity C	VL1320009	51-24-1
Levothyroxine Impurities	Levothyroxine EP Impurity F	VL1320011	911661-90-0
Levothyroxine Impurities	Levothyroxine EP Impurity K	VL1320013	5817-39-0
Levothyroxine Impurities	Levothyroxine EP Impurity E	VL1320021	1041-01-06
Levothyroxine Impurities	Levothyroxine N Acetyl Impurity	VL1320015	26041-51-0
Levothyroxine Impurities	Levothyroxine N Methylamide	VL1320017	2088032-52-2
Levothyroxine Impurities	Levothyroxine O Methyl Impurity	VL1320007	N/A
Levothyroxine Impurities	Levothyroxine EP Impurity I	VL1320001	2016-06-0
Levothyroxine Impurities	Levothyroxine Acetamide Impurity	VL1320002	176258-88-1
Levothyroxine Impurities	Levothyroxine T4 Hydroxyacetic Acid Impurity	VL1320010	93647-48-4
Levothyroxine Impurities	Levothyroxine T4 Amine O-Methyl	VL1320018	N/A
Levothyroxine Impurities	Levothyroxine EP Impurity A	VL1320016	6893-02-03
Levothyroxine Impurities	Levothyroxine N Formyl Impurity	VL1320014	671235-41-9
Levothyroxine Impurities	Levothyroxine EP Impurity J	VL1320005	4604-41-5
Levothyroxine Impurities	Levothyroxine EP Impurity H	VL1320003	2055-97-2
Levothyroxine Impurities	Levothyroxine EP Impurity D	VL1320019	N/A
Levothyroxine Impurities	Levothyroxine Beta Hydroxy	VL1320008	107849-54-7
Levothyroxine Impurities	Levothyroxine Lactose Adduct	VL1320033	N/A
Levothyroxine Impurities	Levothyroxine T4-Formic Acid N-Methyl Amide	VL1320020	N/A
Levothyroxine Impurities	Levothyroxine Ethyl Ester	VL1320022	76353-71-4
Levothyroxine Impurities	Levothyroxin Impurity 10	VL1320027	909279-46-5
Lidocaine Impurities	Lidocaine EP Impurity B	VL1040002	2903-45-9
Lidocaine Impurities	Lidocaine EP Impurity C	VL1040003	2198-53-0
Lidocaine Impurities	Lidocaine BP Impurity D	VL1040004	7729-94-4
Lidocaine Impurities	Lidocaine BP Impurity F	VL1040020	857170-72-0
Lidocaine Impurities	Lidocaine BP Impurity G	VL1040007	35891-87-3 (HCl salt)
Lidocaine Impurities	Lidocaine EP Impurity I (HCl salt)	VL1040008	17289-54-2
Lidocaine Impurities	Lidocaine BP Impurity K	VL1040019	50295-20-0
Lidocaine Impurities	Lidocaine EP Impurity J	VL1040009	1012864-23-1
Lidocaine Impurities	Lidocaine EP Impurity A	VL1040001	87-62-7
Lidocaine Impurities	Lidocaine N-Ethyl Bromide	VL1040017	21306-56-9
Lidocaine Impurities	Lidocaine N-Ethyl Chloride	VL1040018	5369-03-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Lidocaine Impurities	Lidocaine Glycinexylidide	VL1040021	18865-38-8
Lidocaine Impurities	Lidocaine EP Impurity E	VL1040005	745798-07-6
Lidocaine Impurities	Lidocaine EP Impurity I (free base)	VE006719	17289-53-1
Linagliptin Impurities	Linagliptin Bromo Impurity	VL870001	1446263-39-3
Linagliptin Impurities	Linagliptin Related Compound B	VL870015	N/A
Linagliptin Impurities	Linagliptin Impurity G	VL870006	N/A
Linagliptin Impurities	Linagliptin Amino Acyl Impurity	VL870003	N/A
Linagliptin Impurities	Linagliptin Related Compound A	VL870007	666816-98-4
Linagliptin Impurities	Linagliptin Impurity 7	VL870012	N/A
Linagliptin Impurities	Linagliptin Impurity 15	VL870013	N/A
Linagliptin Impurities	Linagliptin Impurity 8	VL870010	N/A
Linagliptin Impurities	Linagliptin Related Compound C	VL870009	N/A
Linagliptin Impurities	Linagliptin N-Formyl Impurity	VL870002	N/A
Linagliptin Impurities	Linagliptin N-Acetyl Impurity	VL870004	1803079-49-3
Linagliptin Impurities	Linagliptin Regio Isomer	VE006095	1446263-38-2
Linagliptin Impurities	Linagliptin Nitroso Pyrimidine Impurity	VE007060	6972-78-7
Lincomycin Impurities	Lincomycin EP Impurity F	VE006093	14810-93-6
Lincomycin Impurities	Lincomycin EP Impurity A	VE005866	N/A
Lincomycin Impurities	Lincomycin EP Impurity B	VL4040003	37744-65-3
Lincomycin Impurities	Lincomycin EP Impurity E	VE006211	13380-36-4
Lincomycin Impurities	Lincomycin EP Impurity E (HCl salt)	VE006679	6734-79-8
Linezolid Impurities	Linezolid Related Compound D	VL2350003	174649-09-3
Linezolid Impurities	Linezolid N-Oxide	VL2350004	189038-36-6
Linezolid Impurities	Linezolid Desfluoro Impurity	VL2350005	556801-15-1
Linezolid Impurities	Linezolid R-Isomer	VL2350007	872992-20-6
Linezolid Impurities	Linezolid Related Compound A	VL2350009	168828-84-0
Linezolid Impurities	Linezolid Related Compound B	VL2350008	216868-57-4
Linezolid Impurities	Linezolid Related Compound C	VE006101	168828-90-8
Linezolid Impurities	Linezolid Descarbonyl N-Desacetyl N-Acetyl Impurity	VE006356	333753-69-8
Linezolid Impurities	Linezolid Descarbonyl (R)-Isomer	VE006357	333753-67-6
Linezolid Impurities	Linezolid Inhouse Impurity F	VE006358	N/A
Liothyronine Impurities	Liothyronine EP Impurity B	VL1320034	300-39-0
Liothyronine Impurities	Liothyronine EP Impurity A	VL2270001	51-48-9
Lisinopril Impurities	Lisinopril EP Impurity D	VL600005	219677-82-4
Lisinopril Impurities	Lisinopril EP Impurity I	VL600010	927819-64-5
Lisinopril Impurities	Lisinopril EP Impurity C	VL600004	328385-86-0
Lisinopril Impurities	Lisinopril EP Impurity E	VL600001	85955-59-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Lisinopril Impurities	Lisinopril EP Impurity F	VL600002	1132650-67-9
Lisinopril Impurities	Lisinopril EP Impurity H	VL600011	138247-43-5
Lisinopril Impurities	Lisinopril EP Impurity A	VL600006	1012-05-1
Lisinopril Impurities	Lisinopril EP Impurity B	VL600003	6192-52-5
Lisinopril Impurities	Lisinopril EP Impurity G	VE005896	1356839-89-8
Loperamide Impurities	Loperamide EP Impurity F	VL1480001	106900-12-3
Loperamide Impurities	Loperamide EP Impurity G	VL1480002	109572-89-6
Loperamide Impurities	Loperamide EP Impurity B	VL1480003	N/A
Loperamide Impurities	Loperamide EP Impurity C	VL1480004	39512-49-7
Loperamide Impurities	Loperamide EP Impurity D	VL1480005	37743-41-2
Loperamide Impurities	Loperamide EP Impurity E	VL1480006	1426322-82-8
Loperamide Impurities	Loperamide EP Impurity H	VL1480007	61299-42-1
Loperamide Impurities	Loperamide EP Impurity A	VL1480008	1391052-94-0
Lopinavir Impurities	Lopinavir EP Impurity C	VL1470007	N/A
Lopinavir Impurities	Lopinavir EP Impurity A	VL1470001	192726-05-9
Lopinavir Impurities	Lopinavir EP Impurity D	VL1470002	N/A
Lopinavir Impurities	Lopinavir EP Impurity E	VL1470003	192725-49-8
Lopinavir Impurities	Lopinavir EP Impurity F	VL1470004	N/A
Lopinavir Impurities	Lopinavir EP Impurity I	VL1470005	N/A
Lopinavir Impurities	Lopinavir EP Impurity L	VL1470006	N/A
Lopinavir Impurities	Lopinavir EP Impurity G	VE005949	N/A
Loratadine Impurities	Loratadine Related Compound I	VL810002	133330-56-0
Loratadine Impurities	Loratadine Related Compound D	VL810003	38089-93-9
Loratadine Impurities	Loratadine EP Impurity A	VL810004	N/A
Loratadine Impurities	Loratadine Related Compound B	VL810006	N/A
Loratadine Impurities	Loratadine Related Compound E	VL810012	133330-60-6
Loratadine Impurities	Dehydro Loratadine Isomer Impurity A	VL810001	N/A
Loratadine Impurities	Loratadine Related Compound A	VL810005	100643-71-8
Loratadine Impurities	Loratadine N-Oxide	VL810007	165739-62-8
Loratadine Impurities	Loratadine Related Compound C	VL810008	31251-41-9
Loratadine Impurities	Loratadine EP Impurity F	VL810010	125743-80-8
Loratadine Impurities	Loratadine EP Impurity E	VL810011	170727-59-0
Loratadine Impurities	Loratadine EP Impurity H	VL810014	29976-53-2
Loratadine Impurities	Loratadine EP Impurity C	VL810009	165739-83-3
Lorcaserin Impurities	Lorcaserin S isomer	VL3200001	N/A
Losartan Impurities	Losartan Bromo Impurity	VL214010	N/A
Losartan Impurities	Losartan EP Impurity C	VL214022	114799-13-2
Losartan Impurities	Losartan EP Impurity F	VL214021	1332713-64-0
Losartan Impurities	Losartan EP Impurity B	VL214009	N/A
Losartan Impurities	Losartan Potassium Impurity M	VL214007	230971-72-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Losartan Impurities	Losartan Potassium Impurity C	VL214006	860644-28-6
Losartan Impurities	Losartan Potassium Related Compound D	VL214005	212316-86-4
Losartan Impurities	Losartan EP Impurity J	VL214004	1006062-27-6
Losartan Impurities	Losartan Potassium Impurity K	VL214003	1159977-26-0
Losartan Impurities	Losartan EP Impurity L	VL214008	230971-71-8
Losartan Impurities	Losartan Potassium Related Compound A	VL214001	124750-67-0
Losartan Impurities	Losartan Potassium Related Compound B	VL214002	114772-55-3
Losartan Impurities	Losartan EP Impurity G	VL214011	N/A
Losartan Impurities	Losartan EP Impurity E	VL214012	120568-11-8
Losartan Impurities	Losartan EP Impurity I	VL214014	1006062-28-7
Losartan Impurities	Losartan EP Impurity D	VL214017	83857-96-9
Losartan Impurities	Losartan EP Impurity K	VL214019	114798-36-6
Losartan Impurities	Losartan EP Impurity A	VL214023	79047-41-9
Losartan Impurities	Losartan EP Impurity H	VL214025	133909-99-6
Losartan Impurities	Losartan Azide Impurity	VE006807	727718-93-6
Loteprednol Impurities	Loteprednol Etabonate 11 keto	VL4710001	207670-54-0
Loteprednol Impurities	Loteprednol Etabonate Methyl Ester	VE006175	182068-96-8
Lovastatin Impurities	Lovastatin EP Impurity B	VE006307	75225-50-2
Lovastatin Impurities	Lovastatin Diol Lactone 4-tert-Butyldimethylsilyl Ether	VE006831	79902-31-1
Luliconazole Impurities	Luliconazole Impurity Z-isomer	VL4590001	101529-76-4
Lumefantrine Impurities	Lumefantrine Related Compound A	VL4670001	N/A
Lurasidone Impurities	Lurasidone DP 1 Impurity	VL4460001	N/A
Lurasidone Impurities	Lurasidone DP 2 and DP3	VL4460002	N/A
Lurasidone Impurities	Lurasidone DP 4 Impurity	VL4460004	N/A
Lurasidone Impurities	Lurasidone DP 5 Impurity	VL4460005	N/A
Mebendazole Impurities	Mebendazole EP Impurity A	VL670001	52329-60-9
Mebendazole Impurities	Mebendazole EP Impurity B	VL670002	21472-33-3
Mebendazole Impurities	Mebendazole EP Impurity E	VL670004	31430-19-0
Mebendazole Impurities	Mebendazole EP Impurity C	VL670003	66066-76-0
Mebendazole Impurities	Mebendazole EP Impurity D	VL670006	132119-11-0
Mebendazole Impurities	Mebendazole EP Impurity F	VL670005	N/A
Mebendazole Impurities	Mebendazole EP Impurity G	VL670014	129165-82-8
Mebeverine Impurities	Mebeverine impurity B	VL4280001	14367-46-5
Mebeverine Impurities	Mebeverine Dimethoxybenzoic Acid Impurity	VE006189	93-07-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Mefenamic Impurities	Mefenamic Acid EP Impurity A	VL2950001	87-59-2
Mefenamic Impurities	Mefenamic Acid EP Impurity D	VL2950003	65-85-0
Mefenamic Impurities	Mefenamic Acid EP Impurity C	VL2950002	118-91-2
Mefenamic Impurities	Mefenamic Acid EP Impurity B	VE006497	21122-68-9
Megestrol Impurities	Megestrol Acetate EP Impurity B	VL4470001	3562-63-8
Melatonin Impurities	Melatonin Related Compound A	VL1750001	608-07-1
Melatonin Impurities	Melatonin N-Carboxylate Ethyl Ester	VE006542	519186-54-0
Melatonin Impurities	Melatonin 2-Iodo Impurity	VE006546	93515-00-5
Melatonin Impurities	Melatonin 2-Bromo Impurity	VE006580	142959-59-9
Melatonin Impurities	Melatonin 2-Chloro impurity	VE006585	118747-02-7
Meloxicam Impurities	Meloxicam EP Impurity A	VL570001	24683-26-9
Meloxicam Impurities	Meloxicam EP Impurity E	VL570002	35511-15-0
Meloxicam Impurities	Meloxicam EP Impurity B	VL570004	7305-71-7
Meloxicam Impurities	Meloxicam EP Impurity D	VL570003	1331636-17-9
Meloxicam Impurities	4-Methyl-5-Thiazoleethanol	VL570005	N/A
Meloxicam Impurities	Meloxicam EP Impurity C	VL570006	1262333-25-4
Meloxicam Impurities	Meloxicam EP Impurity F	VL570007	N/A
Meloxicam Impurities	Meloxicam Related Compound D	VL570008	1391051-96-9
Melphalan Impurities	Melphalan EP Impurity C	VE006596	573704-41-3
Memantine Impurities	Memantine Related Compound E	VL180002	351329-88-9
Memantine Impurities	Memantine Related Compound D	VL180001	941-37-7
Memantine Impurities	1-Adamantamine hydrochloride	VL180006	665-66-7
Memantine Impurities	Memantine Related Compound A	VL180008	702-79-4
Memantine Impurities	Memantine Related Compound C	VL180009	707-36-8
Memantine Impurities	Memantine Related Compound B	VL180010	707-37-9
Memantine Impurities	N-Acetyl Memantine	VL180013	19982-07-1
Memantine Impurities	3-Methyl-Adamantamine	VL180011	33103-93-4
Memantine Impurities	Memantine Lactose Adduct	VL180014	1159637-28-1
Memantine Impurities	Memantine Related Compound F	VE006496	356572-08-2
Mercaptopurine Impurities	Mercaptopurine Impurity 1	VL3680001	90947-51-6
Mercaptopurine Impurities	Mercaptopurine Purinyl Sulphide	VL3680002	49808-20-0
Mesalazine Impurities	Mesalamine Impurity 1	VL98001	3147-53-3
Mesalazine Impurities	Mesalazine EP Impurity E	VL98002	65-49-6
Mesalazine Impurities	Mesalazine EP Impurity C	VL98007	95-55-6
Mesalazine Impurities	Mesalazine EP Impurity F	VL98008	570-23-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Mesalazine Impurities	Mesalazine EP Impurity D	VL98010	99-05-8
Mesalazine Impurities	Mesalazine EP Impurity G	VL98009	490-79-9
Mesalazine Impurities	Mesalazine EP Impurity M	VL98015	2516-96-3
Mesalazine Impurities	Mesalazine EP Impurity N	VL98016	96-97-9
Mesalazine Impurities	Mesalazine EP Impurity R	VL98014	22621-41-6
Mesalazine Impurities	3 Carboxy 5 AminoSalicylic Acid Impurity Messalamine	VL98020	859964-08-2
Mesalazine Impurities	Mesalazine EP Impurity J	VL98019	112725-89-0
Mesalazine Impurities	Mesalamine Impurity 4	VL98018	209-711-2
Mesalazine Impurities	Mesalamine EP Impurity K	VL98011	142-04-1
Mesalazine Impurities	3 6 Dioxocyclohexa 1 4 Dienecarboxylic Acid	VL98004	N/A
Mesalazine Impurities	Mesalamine Impurity 3	VL98003	N/A
Mesalazine Impurities	Mesalazine EP impurity Q	VE006196	3970-35-2
Mesalazine Impurities	Mesalazine EP Impurity S	VE006206	1797983-23-3
Metamizole Impurities	Metamizole EP Impurity C	VL105001	519-98-2
Metamizole Impurities	Metamizole EP Impurity B	VL105002	83-07-8
Metamizole Impurities	Metamizole EP impurity A	VL105003	1672-58-8
Metamizole Impurities	Metamizole EP Impurity E	VE006135	117-38-4
Metamizole Impurities	Metamizole EP Impurity C (HCl salt)	VE006664	856307-27-2
Metamizole Impurities	Metamizole EP Impurity D	VE006872	58-15-1
Metaraminol Impurities	Metaraminol Related Compound A	VE006213	N/A
Metaraminol Impurities	Metaraminol Related Compound B	VE006214	1940-82-5
Metformin Impurities	Metformin EP Impurity A	VL101001	461-58-5
Metformin Impurities	Metformin EP Impurity D	VL101002	108-78-1
Metformin Impurities	Metformin EP Impurity E	VL101003	1674-62-0
Metformin Impurities	Metformin EP Impurity C	VL101004	1985-46-2
Metformin Impurities	Metformin EP Impurity B (HCl salt)	VL101005	2959-04-08
Metformin Impurities	Metformin EP Impurity F	VL101006	124-40-3
Metformin Impurities	Metformin EP Impurity B (free base)	VE006389	4405-08-7
Metformin Impurities	Metformin EP Impurity E (free base)	VE006586	1609-00-3
Methoxy decane Impurities	Decyl Methyl Ether	VL99001	7289-52-3
Metoclopramide Impurities	Metoclopramide EP Impurity C	VL710001	7206-70-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Metoclopramide Impurities	Metoclopramide EP Impurity E	VL710002	100-36-7
Metoclopramide Impurities	Metoclopramide EP Impurity B	VL3160006	4093-31-6
Metoclopramide Impurities	Metoclopramide EP Impurity D	VL3160007	4093-29-2
Metoprolol Impurities	Metoprolol EP Impurity A	VL103001	109632-08-8
Metoprolol Impurities	Metoprolol EP Impurity B	VL103012	56718-71-9
Metoprolol Impurities	Metoprolol Maltol Impurity	VL103011	118-71-8
Metoprolol Impurities	Metoprolol Methoxy Epoxide Impurity	VL103015	56718-70-8
Metoprolol Impurities	Metoprolol EP Impurity F	VL103013	7695-63-8
Metoprolol Impurities	Metoprolol EP Impurity G	VL103002	501-94-0
Metoprolol Impurities	Metoprolol EP Impurity J	VL103016	163685-37-8
Metoprolol Impurities	Metoprolol Hydroxy Epoxide Impurity	VL103017	104857-48-9
Metoprolol Impurities	Metoprolol EP Impurity O	VL103005	154784-36-8
Metoprolol Impurities	Metoprolol EP Impurity N	VL103019	6452-57-9
Metoprolol Impurities	Metoprolol EP Impurity M	VL103018	343785-33-1
Metoprolol Impurities	Metoprolol EP Impurity D	VL103007	62572-90-1
Metoprolol Impurities	Metoprolol Bis ether Impurity	VL103010	230975-30-1
Metoprolol Impurities	Metoprolol EP Impurity C	VL103003	N/A
Metoprolol Impurities	Metoprolol USP Related Compound B	VL103004	56718-76-4
Metoprolol Impurities	Metoprolol Succinic Acid Impurity	VL103022	98418-47-4
Metoprolol Impurities	Metoprolol EP Impurity E	VE006518	163685-38-9
Mexiletine Impurities	Mexiletine EP Impurity B	VE006223	53012-41-2
Mexiletine Impurities	Mexiletine EP Impurity C	VE006224	2059988-38-2
Mexiletine Impurities	Mexiletine EP Impurity D	VE006229	26583-71-1
Mexiletine Impurities	Mexiletine EP Impurity A	VE006222	576-26-1
Miconazole Impurities	Miconazole EP Impurity B	VL4120005	913837-72-6
Miconazole Impurities	Miconazole EP Impurity D	VL4120006	27523-40-6
Miconazole Impurities	Miconazole EP Impurity E	VL4120007	1370335-38-8
Miconazole Impurities	Miconazole EP Impurity F	VL4120008	47447-55-2
Miconazole Impurities	Miconazole EP Impurity G	VL4120009	909277-71-1
Miconazole Impurities	Miconazole EP Impurity H	VL4120010	N/A
Miconazole Impurities	Miconazole EP Impurity A	VL4120001	24155-42-8
Miconazole Impurities	2,4-Dichlorobenzyl alcohol	VL4120002	1777-82-8
Miconazole Impurities	Miconazole EP Impurity C	VL4120003	67358-54-7
Miconazole Impurities	Miconazole EP Impurity I	VL4120014	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Midodrine Impurities	Midodrine Related Compound A	VL2870001	3600-87-1
Minoxidil Impurities	Minoxidil EP Impurity A	VL2630001	35139-67-4
Minoxidil Impurities	Minoxidil EP Impurity B	VL2630002	156-83-2
Minoxidil Impurities	Minoxidil EP Impurity E	VL2630003	24867-26-3
Mirabegron Impurities	Mirabegron Impurity A	VL3070001	223673-61-8
Mirabegron Impurities	Mirabegron Impurity C	VL3070003	521284-22-0
Mirabegron Impurities	Ortho-Mirabegron	VE006137	1684452-80-9
Mirabegron Impurities	Mirabegron Impurity D	VL3070004	N/A
Mirabegron Impurities	Mirabegron S-Isomer	VL3070006	1796931-48-0
Mirabegron Impurities	Mirabegron MIA-03 Impurity	VE006797	391901-45-4
Mirabegron Impurities	Mirabegron 2-Oxo Impurity	VE006798	1684453-05-1
Mirabegron Impurities	Mirabegron Diamide 1	VE006799	1684452-83-2
Mirtazapine Impurities	Mirtazapine EP Impurity B	VL206001	61337-89-1
Mirtazapine Impurities	Mirtazapine EP Impurity C	VL206002	191546-96-0
Mirtazapine Impurities	Mirtazapine EP Impurity F	VL206007	191546-97-1
Mirtazapine Impurities	Mirtazapine EP Impurity E	VL206003	191546-94-8
Mirtazapine Impurities	Mirtazapine EP Impurity A	VL206004	155172-12-6
Mirtazapine Impurities	Mirtazapine Carboxylic acid Impurity (Na salt)	VL206012	N/A
Mirtazapine Impurities	Mirtazapine Cyano Impurity	VL206011	61337-88-0
Mirtazapine Impurities	Mirtazapine EP Impurity D	VL206006	61337-68-6
Mirtazapine Impurities	Mirtazapine Carboxylic acid Impurity (free base)	VE007055	61338-13-4
Misoprostol Impurities	Misoprostol EP Impurity A	VL3750001	1788085-78-8
Misoprostol Impurities	Misoprostol EP Impurity B	VE006581	N/A
Misoprostol Impurities	Misoprostol B Type Impurity	VL3750003	N/A
Misoprostol Impurities	Misoprostol A Type Impurity	VL3750002	N/A
Mometasone Impurities	Mometasone Furoate EP Impurity C	VL4080003	1305334-31-9
Mometasone Impurities	Mometasone Furoate EP Impurity D	VL4080004	83881-09-8
Mometasone Impurities	Mometasone Furoate EP Impurity E	VL4080005	1370190-33-2
Mometasone Impurities	Mometasone Furoate EP Impurity F	VL4080006	1305334-30-8
Mometasone Impurities	Mometasone Furoate EP Impurity G	VL4080007	105102-22-5
Mometasone Impurities	Mometasone Furoate EP Impurity H	VL4080008	148596-90-1
Mometasone Impurities	Mometasone Impurity K	VL4080015	4647-20-5
Mometasone Impurities	Mometasone Furoate Impurity M	VL4080010	57780-86-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Mometasone Impurities	Mometasone Furoate Impurity N	VL4080011	352315-75-4
Mometasone Impurities	Mometasone Furoate Impurity O	VL4080012	24916-91-4
Mometasone Impurities	Mometasone Impurity Q	VL4080017	83881-08-7
Mometasone Impurities	Mometasone EP Impurity I	VL4080009	N/A
Montelukast Impurities	Montelukast Amide Impurity	VL510001	866923-63-9
Montelukast Impurities	Montelukast Methylketone Impurity	VL510002	937275-23-5
Montelukast Impurities	Montelukast EP Impurity B	VL510003	918972-54-0
Montelukast Impurities	Montelukast Nitrile Impurity	VL510004	866923-62-8
Montelukast Impurities	Montelukast EP Impurity A	VL510005	220927-27-5
Montelukast Impurities	Montelukast Sulphoxide Impurity	VL510006	909849-96-3
Montelukast Impurities	Montelukast EP Impurity G	VL510007	774538-96-4
Montelukast Impurities	Montelukast Dihydro Impurity	VL510008	142147-67-9
Montelukast Impurities	Montelukast EP Impurity D & E Mixture	VL510017	Montelukast EP Impurity D (1187586-61-3); Montelukast EP Impurity E (1187586-58-8)
Montelukast Impurities	Montelukast Sulfone Impurity	VL510021	1266620-74-9
Montelukast Impurities	Montelukast Acid Methyl Ester	VL510013	855473-51-7
Montelukast Impurities	Montelukast EP Impurity H	VE006304	851755-56-1
Montelukast Impurities	Montelukast Dimer Impurity	VE006801	120578-04-3
Montelukast Impurities	Montelukast (3S)-Hydroxy Propanol	VE006802	287930-77-2
Montelukast Impurities	Montelukast EP Impurity E	VE006806	1187586-58-8
Montelukast Impurities	Montelukast EP impurity A(sodium salt)	VE006811	190078-45-6
Montelukast Impurities	Montelukast EP Impurity D	1187586-61-3	1187586-61-3
Moxifloxacin Impurities	Moxifloxacin EP Impurity C (HCl salt)	VL106003	1029364-75-7
Moxifloxacin Impurities	Moxifloxacin EP Impurity B	VL106002	1029364-73-5
Moxifloxacin Impurities	Moxifloxacin EP Impurity E	VL106005	1292904-74-5
Moxifloxacin Impurities	Moxifloxacin Decarboxy Impurity	VL106006	1322062-57-6
Moxifloxacin Impurities	Moxifloxacin Difluoro Hydroxy Impurity	VL239002	154093-72-8
Moxifloxacin Impurities	Ciprofloxacin Difluoro 8-Methoxy Impurity	VL239003	112811-72-0
Moxifloxacin Impurities	Moxifloxacin EP Impurity A	VL106001	151213-15-9
Moxifloxacin Impurities	Moxifloxacin EP Impurity D	VL106004	1029364-77-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Moxifloxacin Impurities	Moxifloxacin Related Compound F	VL106019	1179992-99-4
Moxifloxacin Impurities	Moxifloxacin Related Compound G	VL106010	1346603-25-5
Moxifloxacin Impurities	Moxifloxacin Methyl Ester	VL106007	721970-35-0
Moxonidine Impurities	Moxonidine EP Impurity C	VL1440001	352457-34-2
Moxonidine Impurities	Moxonidine Impurity D Chloro-Hydroxy	VL1440002	352457-33-1
Moxonidine Impurities	Moxonidine EP Impurity A	VL1440003	352457-35-3
Moxonidine Impurities	Moxonidine EP Impurity B	VL1440004	75439-01-9
Moxonidine Impurities	Moxonidine Dihydroxy Impurity	VL1440005	352457-32-0
Mupirocin	Mupirocin EP Impurity D (Sodium Salt)	VE006717	116182-43-5
Mupirocin	Mupirocin EP Impurity E (Sodium Salt)	VE006718	116182-44-6
Mupirocin	Mupirocin EP Impurity A	VE006682	40980-51-6
Mupirocin Impurities	Mupirocin EP Impurity D (Acid)	VE006689	71087-97-3
Mupirocin Impurities	Mupirocin EP Impurity C (Acid)	VE006688	85248-93-7
Mupirocin Impurities	Mupirocin EP Impurity B (Acid)	VE006687	71980-98-8
Mupirocin Impurities	Mupirocin EP Impurity E (Acid)	VE006690	71087-96-2
Mupirocin Impurities	Mupirocin EP Impurity F	VE006691	167842-64-0
Mycophenolate Impurities	Mycophenolate Mofetil EP Impurity E	VL1890004	31858-66-9
Mycophenolate Impurities	Mycophenolate Mofetil EP Impurity F	VL1890002	24280-93-1
Mycophenolate Impurities	Mycophenolate Mofetil Ethyl Ester	VL1890012	13312-25-9
Mycophenolate Impurities	Mycophenolic Acid O-Methyl Methyl Ester	VL1890013	60435-90-7
Mycophenolate Impurities	Mycophenolate Mofetil EP Impurity H	VL1890014	26675-76-3
Mycophenolate Impurities	5,7-Dihydroxy-4-Methylphthalide	VL1890001	27979-57-3
Mycophenolate Impurities	Mycophenolate Mofetil EP Impurity G	VL1890003	224052-51-1
Mycophenolate Impurities	Mycophenolate Mofetil Related Compound A	VL1890005	1322681-36-6
Mycophenolate Impurities	Mycophenolate Mofetil 1-Morpholinoethoxy Analog	VL1890007	1094322-91-4
Mycophenolate Impurities	Mycophenolate Mofetil EP Impurity D	VL1890015	1322681-37-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Mycophenolate Impurities	Mycophenolate Sodium	VL1890011	37415-62-6
Mycophenolic Acid	Mycophenolic Acid O-Desmethyl Ether	VE006677	24243-36-5
N-Propyl Mesylate Impurities	N-Propyl MethaneSulfonate	VL2160001	1912-31-8
Nabumetone Impurities	Nabumetone EP Impurity D	VL2790001	127053-22-9
Nabumetone Impurities	Nabumetone EP Impurity F	VL2790003	29619-45-2
Nadolol Impurities	Nadolol EP Impurity F	VL1380006	2116-22-5
Nadolol Impurities	Nadolol EP Impurity A	VL1380001	N/A
Nadolol Impurities	Nadolol EP Impurity B	VL1380002	N/A
Nadolol Impurities	Nadolol EP Impurity C	VL1380003	N/A
Nadolol Impurities	Nadolol EP Impurity D	VL1380004	67247-26-1
Nadolol Impurities	Nadolol EP Impurity E	VL1380005	67247-33-0
Nadolol Impurities	Nadolol EP Impurity G	VL1380007	33841-03-1
Nadolol Impurities	Nadolol 4 Hydroxy Carbazole	VL1380013	N/A
Naftidrofuryl Impurities	Naftidrofuryl EP Impurity A	VE006521	25379-26-4
Naftidrofuryl Impurities	Naftidrofuryl EP Impurity B	VE006522	N/A
Naftidrofuryl Impurities	Naftidrofuryl EP Impurity D	VE006524	N/A
Naftidrofuryl Impurities	Naftidrofuryl EP Impurity E	VE006525	N/A
Naftidrofuryl Impurities	Naftidrofuryl EP Impurity F	VE006526	41359-72-2
Naftidrofuryl Impurities	Naftidrofuryl EP Impurity C (free base)	VE006523	115025-98-4
Nalidixic Acid	Nalidixic Acid EP Impurity A	VE006821	1824-81-3
Naltrexone Impurities	Naltrexone Related Compound A	VE006193	131670-05-8
Naphazoline Impurities	Naphazoline EP Impurity A	VL1510001	36321-43-4
Naphazoline Impurities	Naphazoline EP Impurity B	VL1510002	86-87-3
Naphazoline Impurities	Naphazoline EP Impurity C	VL1510003	132-75-2
Naphazoline Impurities	Naphazoline EP Impurity D	VL1510004	22126-67-6
Naphthalene Impurities	Naphthalene-1-ol	VL189001	N/A
Naproxen Impurities	Naproxen EP Impurity B	VL5400010	89617-86-7
Naproxen Impurities	Naproxen Related Compound A	VL5400011	2471-70-7
Naproxen Impurities	Naproxen EP Impurity J	VL5400013	21388-17-0
Naproxen Impurities	Naproxen EP Impurity K	VL5400012	77301-42-9
Naproxen Impurities	Naproxen EP Impurity D	VL540009	116883-62-6
Naproxen Impurities	Naproxen EP Impurity C	VL540008	84236-26-0
Naproxen Impurities	Naproxen EP Impurity N	VL540007	5111-65-9
Naproxen Impurities	Naproxen EP Impurity H	VL540006	5111-66-0
Naproxen Impurities	Naproxen EP Impurity M	VL540005	93-04-9
Naproxen Impurities	Naproxen EP Impurity F	VL540004	31220-35-6
Naproxen Impurities	Naproxen EP Impurity L	VL540002	3900-45-6
Naproxen Impurities	Naproxen EP Impurity A	VL540001	52079-10-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Naproxen Impurities	Naproxen EP Impurity I	VL5400015	23981-47-7
Naproxen Impurities	Naproxen EP Impurity E	VL5400003	26159-35-3
Naproxen Impurities	Naproxen EP Impurity G	VE006302	23979-41-1
Nateglinide Impurities	Nateglinide EP Impurity C	VE006139	105816-06-6
Nebivolol Impurities	Nebivolol Isomer B	VL490009	N/A
Nebivolol Impurities	Nebivolol Isomer A	VL490008	N/A
Nebivolol Impurities	Nebivolol Desfluoro	VL490003	N/A
Nebivolol Impurities	Nebivolol Related Compound B	VL490002	N/A
Nebivolol Impurities	Nebivolol Related Compound A	VL490001	N/A
Nebivolol Impurities	Nebivolol Impurity 1	VL490004	1346562-34-2
Nebivolol Impurities	Nebivolol Methyl P Toluene Sulphonate	VL490010	80-48-8
Nebivolol Impurities	Nebivolol Isopropyl P Toluene Sulphonate	VL490011	N/A
Nebivolol Impurities	Nebivolol D Isomer	VL490012	213132-06-0
Nebivolol Impurities	Nebivolol L Isomer	VL490013	118457-14-0
Nebivolol Impurities	Nebivolol Impurity 2	VL490014	N/A
Nebivolol Impurities	Nebivolol SRSR and RSRS ISOMER	VL490015	N/A
Nebivolol Impurities	Nebivolol SRRR Isomer	VL490016	N/A
Nebivolol Impurities	Nebivolol RSSS Isomer	VL490017	N/A
Nebivolol Impurities	Nebivolol RSRR	VL490018	N/A
Nebivolol Impurities	Nebivolol SSSS ISOMER	VL490019	N/A
Nebivolol Impurities	Nebivolol RRRR	VL490020	N/A
Nebivolol Impurities	Nebivolol SRSS Isomer	VL490021	N/A
Nebivolol Impurities	Nebivolol FAM	VL490022	N/A
Nebivolol Impurities	Nebivolol RRSS	VL490023	1360598-84-0
Nebivolol Impurities	Di Des Fluoro Nebivolol	VL490024	N/A
Nebivolol Impurities	Des Fluoro FAM Nebivolol	VL490025	N/A
Nebivolol Impurities	Nebivolol related Compound C	VE006876	876514-31-7
Nebivolol Impurities	Nebivolol Related Compound D	VE006877	793669-26-8
Neomycin Impurities	Neomycin sulfate EP Impurity A	VL212001	3947-65-7
Neomycin Impurities	Neomycin Sulfate	VL4260001	1405-10-3
Neomycin Impurities	Neomycin Sulfate EP Impurity B	VE006928	N/A
Neomycin Impurities	Neomycin Sulfate EP Impurity C	VE006929	66-86-4
Neomycin Impurities	Neomycin Sulfate EP Impurity D	VE006930	534-47-4 // 18685-97-7
Neomycin Impurities	Neomycin Sulfate EP Impurity E	VE006931	1263-89-4
Neostigmine Impurities	Nor Neostigmine	VL2640004	16088-19-0
Neostigmine Impurities	Neostigmine 3 dimethyl amino phenol	VL2640001	99-07-0
Nepafenac Impurities	Nepafenac Impurity E	VL360001	1246956-18-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Nepafenac Impurities	Nepafenac Impurity D	VL360002	N/A
Nepafenac Impurities	Nepafenac Impurity B	VL360003	78281-61-5
Nepafenac Impurities	Nepafenac Impurity C	VL360004	N/A
Nepafenac Impurities	Nepafenac Impurity A	VL360005	2835-77-0
Nevirapine Impurities	Nevirapine Anhydrous	VL2430001	129618-40-2
Nevirapine Impurities	Nevirapine EP Impurity A	VL2430002	133627-17-5
Niacin Impurities	Isocinchomeric acid	VL4100001	100-26-5
Niacin Impurities	6-methylnicotinic acid	VL4100002	3222-47-7
Niacin Impurities	6,6-dinicotinic acid	VL4100003	1802-30-8
Niacin Impurities	5-ethyl-2-methylpyridine	VL4100004	104-90-5
Nicardipine Impurities	Nicardipine Dehydro Dimethyl Diester Impurity	VL4430002	76258-20-3
Nicardipine Impurities	Nicardipine Related Compound C	VL4430001	21881-77-6
Nicardipine Impurities	Nicardipine Related Compound B	VL4430003	59875-58-0
Nicardipine Impurities	Nicardipine Related Compound A	VL4430004	74936-72-4
Nicardipine Impurities	Nicardipine Bis Analog	VE006998	71784-27-5
Nicergoline Impurities	Nicergoline EP Impurity A	VL1610001	38536-28-6
Nicergoline Impurities	Nicergoline EP Impurity C	VL1610002	35155-28-3
Nicergoline Impurities	Nicergoline EP Impurity F	VL1610004	N/A
Nicergoline Impurities	Nicergoline EP Impurity D	VL1610005	20826-04-4
Nicergoline Impurities	Nicergoline EP Impurity B	VL1610006	35264-46-1
Nicorandil Impurities	Nicorandil EP Impurity A	VL3700001	65141-47-1
Nicorandil Impurities	Nicorandil Nicotinic acid	VL3700002	59-67-6
Nicorandil Impurities	Nicorandil N-2-Hydroxyethyl nicotinamide	VL3700003	6265-73-2
Nicorandil Impurities	Nicorandil 2-aminoethyl nicotinate	VL3700004	87330-70-9
Nicotinamide Impurities	Nicotinamide EP Impurity C	VL2180002	1452-77-3
Nicotinamide Impurities	Nicotinamide EP Impurity E	VL2180004	1986-81-8
Nicotinamide Impurities	Nicotinamide EP Impurity A	VL2180005	N/A
Nicotinamide Impurities	Nicotinamide EP Impurity D	VL2180006	1453-82-3
Nicotinamide Impurities	Nicotinamide EP Impurity B	VL2180007	100-54-9
Nicotinic Impurities	3,5-Dinitropyridine	VL1130001	940-06-7
Nicotinic Impurities	5-Nitro Nicotinic Acid	VL1130002	2047-49-6
Nicotinic Impurities	Nicotine Impurity C	VL1130004	486-56-6
Nicotinic Impurities	Isonicotinic Acid	VL1130005	55-22-1
Nicotinic Impurities	Nicotine N-Oxide Impurity	VL1130006	51095-86-4
Nicotinic Impurities	6-Hydroxy Nicotinic Acid	VL1130007	5006-66-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Nifedipine Impurities	Nifedipine EP impurity A	VL1170002	67035-22-7
Nifedipine Impurities	Nifedipine EP impurity B	VL1170001	N/A
Nifedipine Impurities	Nifedipine EP Impurity C	VL1170003	111304-31-5
Nifedipine Impurities	Nifedipine EP Impurity D	VL1170004	14205-39-1
Nifedipine Impurities	Nifedipine Pyrimidine Impurity	VL1170005	80742-11-6
Nifuroxazide Impurities	Nifuroxazide EP Impurity A	VL2820001	5351-23-5
Nilotinib Impurities	Desmethylimidazole Nilotinib	VE006281	2119583-26-3
Nilotinib Impurities	Nilotinib Regio Isomer Impurity	VE006282	641571-15-5
Nilotinib Impurities	Nilotinib impurity G	VE006283	917392-54-2
Nilotinib Impurities	Nilotinib EP Impurity A	VE006046	641571-11-1
Nilotinib Impurities	Nilotinib EP Impurity D	VE006047	641569-94-0
Nimesulide Impurities	Nimesulide EP Impurity D	VL107001	5422-92-4
Nimesulide Impurities	Nimesulide EP Impurity A	VL107002	51765-56-1
Nimesulide Impurities	Nimesulide EP Impurity B	VL107003	51765-51-6
Nimesulide Impurities	Nimesulide EP Impurity C	VL107004	2688-84-8
Nimesulide Impurities	Nimesulide EP Impurity E	VL107005	905858-63-1
Nimesulide Impurities	Nimesulide EP Impurity F	VL107006	51765-72-1
Nimesulide Impurities	Nimesulide EP Impurity G	VL107007	70995-08-3
Nimodipine Impurities	Nimodipine EP Impurity A	VL2830001	85677-93-6
Nimodipine Impurities	Nimodipine EP Impurity B	VL2830002	21881-78-7
Nimodipine Impurities	Nimodipine EP Impurity C	VL2830003	70172-96-2
Nintedanib	2-oxoindole-6-carboxylic acid	VE006654	334952-09-9
Nintedanib	Methyl 4-(2-methoxy-2-oxoethyl)-3-nitrobenzoate	VE006655	334952-07-7
Nintedanib	N-(4-Aminophenyl)-N,4-dimethyl-1-piperazineacetamide	VE006656	262368-30-9
Nintedanib	Nintedanib Carboxylic Acid	VE006859	894783-71-2
Nitazoxanide Impurities	Nitazoxanide Related Compound A	VL3300001	121-66-4
Nitazoxanide Impurities	Nitazoxanide Desacetyl Impurity	VE006316	173903-47-4
Nitrobenzaldehyde Impurities	3 Nitrobenzaldehyde	VL2560001	N/A
Nitroso Inhouse Impurity	N- Nitroso piperazine Dimer	VE000128	140-79-4
Nitroso Inhouse Impurity	N- Nitroso piperazine Monomer	VE000129	5632-47-3
Nitroso Inhouse Impurity	N-Methyl-N'-nitrosopiperazine	VE006124	16339-07-4
Nitroso Inhouse Impurity	N-Nitroso-N-methyl-4-aminobutyric Acid	VL3850049	61445-55-4
Nitroso Inhouse Impurity	N-Nitrosodibenzylamine	VE006123	5336-53-8
Nitroso Inhouse Impurity	Nitrosomethylpropylamine	VE006122	924-46-9
Nitroso Inhouse Impurity	N-Nitroso-N-methyl N- phenylamine	VL3850093	614-00-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Nitroso Inhouse Impurity	N-Nitrosodiethylamine	VL3850024	55-18-5
Nitroso Inhouse Impurity	N-tert-Butyl-N-ethylnitrosamine	VE006120	3398-69-4
Nitroso Inhouse Impurity	N-methyl-N-nitrosopropane-1,3-diamine	VE006119	N/A
Nitroso Inhouse Impurity	N-Ethyl-N-nitroso-1-propanamine	VE006118	25413-61-0
Nitroso Inhouse Impurity	N-Nitroso-N-ethylaniline	VE006117	612-64-6
Nitroso Inhouse Impurity	4-nitrosomethylaminopyridine	VE006116	16219-99-1
Nitroso Inhouse Impurity	N-Nitrosoethylmethylamine	VE006114	10595-95-6
Nitroso Inhouse Impurity	N-Nitrosopiperidine	VL3850096	100-75-4
Nitroso Inhouse Impurity	N-Nitrosopyrrolidine	VL3850099	930-55-2
Nitroso Inhouse Impurity	N-Nitroso-N-ethylbutylamine	VE006113	4549-44-4
Nitroso Inhouse Impurity	N-Nitroso-di-n-butylamine	VL3850094	924-16-3
Nitroso Inhouse Impurity	N-methyl-N-nitroso-2-Propanamine	VL3850100	30533-08-5
Nitroso Inhouse Impurity	N-Nitroso-N-methylbenzylamine	VE006112	937-40-6
Nitroso Inhouse Impurity	N-Nitroso-4-piperidone	VE006111	55556-91-7
Nitroso Inhouse Impurity	N-Nitrosomethylethanolamine	VE006110	26921-68-6
Nitroso Inhouse Impurity	N- Nitroso Diamyl Amine	VE006109	13256-06-9
Nitroso Inhouse Impurity	N-Nitroso methyl butyl amine	VE006107	7068-83-9
Nitroso Inhouse Impurity	N-Nitrosodiphenylamine	VE006106	86-30-6
Nitroso Inhouse Impurity	N-Nitrosodipropylamine	VL3850098	621-64-7
Nitroso Inhouse Impurity	N-Nitrosodiethanolamine	VE006105	1116-54-7
Nitroso Inhouse Impurity	N-nitroso N methyl urea	VE006104	684-93-5
Nitroso Inhouse Impurity	N-Nitroso-N-Ethyl-Benzylamine	VE006349	20689-96-7
Nitroso Inhouse Impurity	N-Nitroso-2-pyrrolidinone	VE006350	54634-49-0
Nitroso Inhouse Impurity	1-Nitrosopyridinium	VE006351	45590-75-8
Nitroso Inhouse Impurity	N-Nitroso-N-Ethyl piperazine	VE006359	65504-33-8
Nitroso Inhouse Impurity	N-methyl-N-nitroso-Phenethylamine	VE006384	13256-11-6
Nitroso Inhouse Impurity	N-nitroso methyl-nitroguanidine	VE006385	70-25-7
Nitroso Inhouse Impurity	N-Nitrosodicyclohexylamine	VE006457	947-92-2
Nitroso Inhouse Impurity	Nitroso bis 2 chloro ethyl amine	VE006103	67856-68-2
Nitroso Inhouse Impurity	N-Nitroso -2,6 dichloro purine	VE006125	N/A
Nitroso Inhouse Impurity	1-Amino-4-cyclopentylpiperazine	VE006465	61379-64-4
Nitroso Inhouse Impurity	1-Cyclopentyl-4-Nitrosopiperazine	VE006466	61379-66-6
Nitroso Inhouse Impurity	N-Formylpiperazine	VE006595	7755-92-2
Nitroso Inhouse Impurity	N-Nitrosomorpholine	VL3850097	59-89-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Nitroso Inhouse Impurity	6-fluoro-3-(4-piperidinyl)-1,2-Benzisoxazole-nitrosamine	VE006599	N/A
Nitroso Inhouse Impurity	1-Nitroso-4-(2,3,4-trimethoxy-benzyl)-piperazine	VE006792	92432-50-3
Nitroso Inhouse Impurity	N-Nitroso-N-2,3-xylylanthranilic acid	VE006846	2114-63-8
Nitroso Inhouse Impurity	2-[2-(4-nitrosopiperazin-1-yl)ethoxy]ethanol	VE007037	N/A
Nitroso Inhouse Impurity	2-(4-nitrosopiperazin-1-yl)ethanol	VE007038	48121-20-6
Nizatidine Impurities	Nizatidine EP Impurity G	VL2910002	N/A
Nizatidine Impurities	Nizatidine EP Impurity A	VL2910001	54252-45-8
Nizatidine Impurities	Nizatidine EP Impurity B	VE006308	N/A
Nizatidine Impurities	Nizatidine EP Impurity F	VE006309	N/A
Nizatidine Impurities	Nizatidine EP Impurity H	VL2910006	27507-28-4
Nizatidine Impurities	Nizatidine EP Impurity D	VL2910005	78441-62-0
Nizatidine Impurities	Nizatidine EP Impurity C	VL2910004	102273-13-2
Norepinephrine Impurities	Norepinephrine EP Impurity B (HCl salt)	VL3380002	5090-29-9
Norepinephrine Impurities	Norepinephrine EP Impurity D (Racemic Mixture)	VL3380004	3770-01-2
Norepinephrine Impurities	Norepinephrine EP Impurity E	VL3380005	99-40-1
Norepinephrine Impurities	Norepinephrine EP Impurity F	VL3380006	103-49-1
Norepinephrine Impurities	Norepinephrine EP Impurity G	VL3380007	13062-58-3
Norepinephrine Impurities	Norepinephrine EP Impurity C	VL3380003	51-61-6
Norepinephrine Impurities	Norepinephrine EP Impurity A	VL3380001	51-43-4
Norethindrone Impurities	Norethindrone Acetate EP Impurity C	VL550003	1175129-26-6
Norethindrone Impurities	Norethindrone Acetate EP Impurity E	VL550002	66964-58-7
Norethindrone Impurities	Norethindrone Acetate EP Impurity B	VL550001	19637-28-6
Norethindrone Impurities	Norethindrone EP Impurity C	VL550004	22933-71-7
Norethindrone Impurities	Norethindrone Acetate EP Impurity F	VL550005	6856-27-5
Norethindrone Impurities	Norethindrone EP Impurity G	VL550006	438244-27-0
Norethindrone Impurities	6 10 dihydroxy Norethindrone Acetate impurity	VL550007	N/A
Norfloxacin Impurities	Norfloxacin EP Impurity K	VL3030001	70459-07-3
Norfloxacin Impurities	Norfloxacin EP Impurity E	VL3030002	75001-78-4
Norfloxacin Impurities	Norfloxacin EP Impurity A	VL3030003	68077-26-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Norfloxacin Impurities	Norfloxacin EP Impurity H	VL3030004	105440-01-5
Norfloxacin Impurities	Norfloxacin EP Impurity G	VL3030005	70459-04-0
Obeticholic Impurities	Methyl ester of Obeticholic acid	VL7730001	N/A
Ofloxacin Impurities	Ofloxacin EP Impurity B	VL205001	123155-82-8
Ofloxacin Impurities	Ofloxacin EP Impurity E	VL205002	82419-52-1
Ofloxacin Impurities	Ofloxacin EP Impurity C	VL205003	95848-94-5
Ofloxacin Impurities	Ofloxacin EP Impurity F	VL205004	104721-52-0
Ofloxacin Impurities	Ofloxacin EP Impurity D	VL205006	197291-75-1
Ofloxacin Impurities	Ofloxacin EP Impurity A	VL205005	82419-35-0
Ofloxacin Impurities	Ofloxacin Impurity B	VL205008	N/A
Olanzapine Impurities	Olanzapine EP Impurity B	VL109002	221176-49-4
Olanzapine Impurities	Olanzapine Thio lactum	VL109007	1017241-36-9
Olanzapine Impurities	Olanzapine Lactam Impurity	VL109008	1017241-34-7
Olanzapine Impurities	Olanzapine EP Impurity D	VL109009	174794-02-6
Olanzapine Impurities	Olanzapine EP Impurity A	VL109001	138564-59-7
Olanzapine Impurities	Olanzapine EP Impurity C	VL109003	719300-59-1
Olanzapine Impurities	Olanzapine PIN-3 Impurity	VL109013	138564-60-0
Olanzapine Impurities	Olanzapine PIN 3H Impurity	VL109019	873895-41-1
Olanzapine Impurities	Olanzapine Related Compound 03	VL109004	N/A
Olanzapine Impurities	Olanzapine Related Compound 07	VL109005	138564-58-6
Olanzapine Impurities	Olanzapine Related Compound 08	VL109006	N/A
Olanzapine Impurities	Olanzapine F-PIN Impurity	VL109011	639460-79-0
Olanzapine Impurities	Olanzapine LIP 1 Acetyl Impurity	VL109012	935272-10-9
Olanzapine Impurities	Olanzapine LIP 1-Dimer Impurity	VL109014	N/A
Olanzapine Impurities	Olanzapine N-desmethyl Impurity	VL109016	161696-76-0
Olanzapine Impurities	Olanzapine N-ethyl Impurity	VL109018	N/A
Olmesartan Impurities	Olmesartan Ethyl Ester	VL184003	144689-23-6
Olmesartan Impurities	Olmesartan Trityl Alcohol	VL184004	76-84-6
Olmesartan Impurities	Olmesartan EP Impurity C	VL184006	879562-26-2
Olmesartan Impurities	Olmesartan EP Impurity A	VL184002	144689-24-7
Olmesartan Impurities	Olmesartan EP Impurity B	VL184001	849206-43-5
Olmesartan Impurities	Olmesartan Medoxomil EP Impurity D	VL184005	1020157-01-0
Olmesartan Impurities	Olmesartan Dimer Ester	VL184007	1040250-19-8
Olmesartan Impurities	N-Alkylated Olmesartan	VL184009	N/A
Olmesartan Impurities	Olmesartan Medoxomil Dimer Impurity	VL184011	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Olmesartan Impurities	Olmesartan Ethyl Methyl Analog	VL184013	1378863-74-1
Olmesartan Impurities	Olmesartan Impurity 1	VL184015	1392475-91-0
Olmesartan Impurities	Trityl Olmesartan potassium salt	VL184016	144690-92-6
Olmesartan Impurities	Olmesartan Impurity 12	VE006624	124750-51-2
Olmesartan Impurities	Olmesartan Dichloro Dimethyl trans-Isomer	VE006827	116857-05-7
Olmesartan Impurities	Olmesartan Impurity 13	VE007058	172875-53-5
Olmesartan Impurities	Olmesartan Medoxomil Impurity 4	VE006921	95579-71-8
Olopatadine Impurities	Olopatadine Related Compound A	VL720001	1331822-32-2
Olopatadine Impurities	Olopatadine E-isomer	VL720002	113806-06-7
Olopatadine Impurities	Olopatadine Amide Impurity	VL720006	872041-02-6
Olopatadine Impurities	Olopatadine Carbaldehyde	VL720003	N/A
Olopatadine Impurities	Olopatadine Related Compound C	VL720004	55453-87-7
Olopatadine Impurities	Olopatadine N-Oxide	VL720007	203188-31-2
Omeprazole Impurities	Omeprazole EP Impurity B	VL112003	110374-16-8
Omeprazole Impurities	Omeprazole EP Impurity I	VL112008	158812-85-2
Omeprazole Impurities	Omeprazole EP Impurity H	VL112007	863029-89-4
Omeprazole Impurities	Omeprazole EP Impurity C	VL112004	73590-85-9
Omeprazole Impurities	Omeprazole EP Impurity A	VL112002	37052-78-1
Omeprazole Impurities	Omeprazole EP Impurity E	VL112005	176219-04-8
Omeprazole Impurities	Omeprazole EP Impurity D	VL112001	88546-55-8
Omeprazole Impurities	Omeprazole EP Impurity XI	VL112010	86604-75-3
Omeprazole Impurities	Omeprazole Related Compound F and G Mixture	VL112006	N/A
Omeprazole Impurities	Omeprazole Chloro Impurity	VL112009	N/A
Omeprazole Impurities	Omeprazole N-Methyl Impurity	VL112011	N/A
Omeprazole Impurities	Esomeprazole Des Methyl Sulfide	VL112013	N/A
Omeprazole Impurities	Desmethyl Omeprazole	VL112014	301669-82-9
Omeprazole Impurities	Esomeprazole EP Impurity F	VL112015	161796-77-6
Omeprazole Impurities	Omeprazole Hydroxymethyl Impurity	VL3850080	96300-88-8
Ondansetron Impurities	Ondansetron EP Impurity D	VL1580001	99614-64-9
Ondansetron Impurities	Ondansetron EP Impurity H	VL1580004	99614-14-9
Ondansetron Impurities	Ondansetron EP Impurity C	VL1580003	27387-31-1
Ondansetron Impurities	Ondansetron EP Impurity A	VL1580002	153139-56-1
Ondansetron Impurities	Ondansetron EP Impurity B	VL1580008	1076198-52-1
Ondansetron Impurities	Ondansetron EP Impurity G	VL1580006	99614-03-6
Ondansetron Impurities	Ondansetron EP Impurity F	VL1580007	693-98-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Ondansetron Impurities	Ondansetron EP Impurity A (HCl salt)	VE006701	119812-29-2
Orlistat Impurities	Orlistat Open Ring (2S,3R,5S)-Isomer	VE006128	130793-28-1
Orlistat Impurities	Orlistat Open Ring (2S,3S,5S)-Isomer	VE006129	130676-66-3
Orlistat Impurities	Orlistat Henicosenyl Leucinate Impurity	VE006131	130676-63-0
Orlistat Impurities	Orlistat dihydropyranone impurity	VE006130	130676-64-1
Ornidazole Impurities	Ornidazole Epoxide Impurity	VE006265	16773-52-7
Oseltamivir Impurities	Oseltamivir EP Impurity C	VL900002	187227-45-8
Oseltamivir Impurities	Oseltamivir EP Impurity G	VL900011	956267-10-0
Oseltamivir Impurities	Oseltamivir EP Impurity H	VL900012	814-29-9
Oseltamivir Impurities	Oseltamivir Impurity B	VL900001	N/A
Oseltamivir Impurities	Oseltamivir Carboxylic Acid Impurity	VL900003	N/A
Oseltamivir Impurities	Oseltamivir EP Impurity D	VL900004	1346604-18-9
Oseltamivir Impurities	Oseltamivir Triphenyl Phosphine Oxide	VL900006	791-28-6
Oseltamivir Impurities	Oseltamivir Impurity-I	VL900007	N/A
Oseltamivir Impurities	Oseltamivir Impurity-II	VL900008	N/A
Oseltamivir Impurities	Oseltamivir EP Impurity E	VL900009	N/A
Oseltamivir Impurities	Oseltamivir EP Impurity F	VL900010	N/A
Oseltamivir Impurities	Oseltamivir EP Impurity A	VL900013	1364932-19-3
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity I	VL1620002	537693-29-1
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity G	VL1620008	15882-79-8
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity A	VL1620011	298-46-4
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity F	VL1620013	28721-08-06
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity H	VL1620014	4698-11-7
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity D	VL1620003	19579-83-0
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity K	VL1620004	1346601-76-0
Oxcarbazepine Impurities	Oxcarbazepine Related Compound C	VL1620005	578-95-0
Oxcarbazepine Impurities	Oxcarbazepine ACRIDINE	VL1620006	260-94-6
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity B	VL1620007	28721-09-07
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity L	VL1620010	N/A
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity E	VL1620012	N/A
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity M	VL1620015	N/A
Oxcarbazepine Impurities	Oxcarbazepine Iminostilbene Carbonyl Chloride	VL1620017	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Oxcarbazepine Impurities	Oxcarbazepine Acridine Carboxylic Acid	VE006485	332927-03-4
Oxcarbazepine Impurities	Oxcarbazepine EP Impurity C	VE006487	21737-58-6
Oxcarbazepine Impurities	N-Carbamoyl Oxcarbazepine	VE006488	N/A
Oxcarbazepine Impurities	Oxcarbazepine Related Compound D	VE006489	N/A
Oxeladin Impurities	Oxeladin EP Impurity A	VE000108	N/A
Oxibendazole Impurities	Oxibendazole impurity	VL4290002	N/A
Oxybutynin Impurities	Oxybutynin EP Impurity B	VL215002	14943-53-4
Oxybutynin Impurities	Oxybutynin EP Impurity E	VL215003	1215677-72-7
Oxybutynin Impurities	Oxybutynin EP Impurity A	VL215001	1199574-71-4
Oxybutynin Impurities	Oxybutynin N-Oxide	VL215008	80976-68-7
Oxybutynin Impurities	Oxybutynin Related Compound B	VL215004	10399-13-0
Oxybutynin Impurities	Oxybutanin Related Compound A	VL215005	4335-77-7
Oxybutynin Impurities	Oxybutynin EP Impurity C	VL215006	1199574-70-3
Oxybutynin Impurities	Oxybutynin Hydrochloride	VL215009	1508-65-2
Oxymetazoline Impurities	Oxymetazoline EP Impurity A	VL1500001	1391053-50-1
Oxymetazoline Impurities	Oxymetazoline EP Impurity B	VL1500002	1218-35-5
Oxymetazoline Impurities	Oxymetazoline EP Impurity C	VL1500003	55699-13-3
Oxymetazoline Impurities	Oxymetazoline EP Impurity D	VL1500004	55699-12-2
Oxymetazoline Impurities	Oxymetazoline EP Impurity E	VL1500005	55699-10-0
Oxytetracycline Impurities	Oxytetracycline EP Impurity D	VL1960001	18695-01-7
Oxytetracycline Impurities	Oxytetracycline EP Impurity E	VL1960002	18751-99-0
Oxytetracycline Impurities	Oxytetracycline EP Impurity A	VL1960003	14206-58-7
Oxytetracycline Impurities	Oxytetracycline EP Impurity C	VL1960004	6542-44-5
Paclitaxel Impurities	Paclitaxel EP Impurity H	VL940005	78454-17-8
Paclitaxel Impurities	Paclitaxel EP Impurity E	VL940004	105454-04-4
Paclitaxel Impurities	Paclitaxel EP Impurity R	VL940001	158948-96-0
Paclitaxel Impurities	N-Butyl Analog	VL940002	N/A
Paclitaxel Impurities	Paclitaxel EP Impurity G	VE006502	78432-77-6
Paliperidone Impurities	Paliperidone Impurity E	VL217005	N/A
Paliperidone Impurities	Paliperidone Related Compound C	VL217003	130049-82-0
Paliperidone Impurities	Paliperidone Related Compound A	VL217004	849903-79-3
Paliperidone Impurities	Paliperidone Related Compound B	VL217002	84163-13-3
Paliperidone Impurities	Paliperidone Acetyl Impurity	VL217008	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Paliperidone Impurities	Paliperidone Related Compound D	VL217006	761460-08-6
Paliperidone Impurities	Paliperidone Keto Impurity	VL217007	N/A
Paliperidone Impurities	Paliperidone Impurity	VL217009	144598-75-4
Paliperidone Impurities	Paliperidone Hydroxybenzyl Analogue	VL217010	152542-03-5
Paliperidone Impurities	Paliperidone Palmitate Stage III	VL217014	1415488-05-9
Paliperidone Impurities	Paliperidone Palmitate Myristate Impurity	VL217015	1172995-11-7
Paliperidone Impurities	Paliperidone Palmitate stearate impurity	VL217016	1172995-13-9
Paliperidone Impurities	Paliperidone Palmitate Beznisoxazole	VL217017	199739-10-1
Paliperidone Impurities	Paliperidone ketone Impurity	VL217019	N/A
Paliperidone Impurities	Paliperidone Palmitate Heptadecanoic Acid	VL217020	1404053-62-8
Paliperidone Impurities	Paliperidone Tetrahydro Impurity	VE007004	170359-61-2
Palonosetron Impurities	Palonosetron Related Compound A	VL3010001	813425-83-1
Palonosetron Impurities	Palonosetron Related Compound B	VL3010002	1021456-82-5
Palonosetron Impurities	Palonosetron Related Compound C	VL3010003	135729-76-9 (HCl salt) ; 149654-00-2 (base)
Palonosetron Impurities	Palonosetron Related Compound D	VE006195	135755-51-0
Palonosetron Impurities	Palonosetron Enantiomer	VE006901	135729-75-8
Pantoprazole Impurities	Pantoprazole EP Impurity A	VL125001	127780-16-9
Pantoprazole Impurities	Pantoprazole EP Impurity B	VL125002	102625-64-9
Pantoprazole Impurities	Pantoprazole EP Impurity C	VL125003	97963-62-7
Pantoprazole Impurities	Pantoprazole Impurity D & F Mixture	VL125004	N/A
Pantoprazole Impurities	Pantoprazole N-Oxide Impurity	VL125005	953787-60-5
Pantoprazole Impurities	Pantoprazole EP Impurity E	VL125006	2115779-15-0
Pantoprazole Impurities	Pantoprazole Related Compound 2	VL125007	72830-09-2
Pantoprazole Impurities	Pantoprazole Sulfone N-Oxide	VL125008	953787-55-8
Pantoprazole Impurities	Pantoprazole Related Compound 3	VL125009	N/A
Pantoprazole Impurities	Pantoprazole Chloro Impurity	VL125012	N/A
Paracetamol Impurities	Paracetamol EP Impurity C	VL2170011	3964-54-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Paracetamol Impurities	Paracetamol EP Impurity K	VL2170001	123-30-8
Paracetamol Impurities	Paracetamol EP Impurity J	VL2170002	N/A
Paracetamol Impurities	Paracetamol EP Impurity I	VL2170010	118-93-4
Paracetamol Impurities	Paracetamol EP Impurity H	VL2170009	2623-33-8
Paracetamol Impurities	Paracetamol EP Impurity G	VL2170004	34523-34-7
Paracetamol Impurities	Paracetamol EP Impurity F	VL2170003	100-02-7
Paracetamol Impurities	Paracetamol EP Impurity E	VL2170008	99-93-4
Paracetamol Impurities	Paracetamol EP Impurity B	VL2170005	N/A
Paracetamol Impurities	Paracetamol EP Impurity A	VL2170006	N/A
Paracetamol Impurities	Paracetamol EP Impurity D	VL2170007	N/A
Paracetamol Impurities	Paracetamol EP Impurity M	VE006484	1752-24-5
Paroxetine Impurities	Paroxetine HCl EP Impurity A (HCl salt)	VL1400005	1322626-23-2
Paroxetine Impurities	Paroxetine EP Impurity E	VL1400001	105813-05-6
Paroxetine Impurities	Paroxetine EP Impurity D (HCl salt)	VL1400002	130855-30-0
Paroxetine Impurities	Paroxetine EP Impurity B	VL1400004	533-31-3
Paroxetine Impurities	Paroxetine Related Compound F	VL1400006	110429-36-2
Paroxetine Impurities	Paroxetine EP Impurity G	VL1400007	69675-10-1
Paroxetine Impurities	Paroxetine HCl Hemihydrate EP Impurity C (HCl salt)	VL1400009	1346597-97-4
Paroxetine Impurities	Paroxetine HCl EP Impurity C (free base)	VE006837	105813-14-7
Paroxetine Impurities	Paroxetine HCl EP Impurity F (free base)	VE006838	N/A
Paroxetine Impurities	Paroxetine Related Compound G	VE007335	1217655-87-2
Pemetrexed Impurities	Pemetrexed EP Impurity D	VL1240003	144051-68-3
Pemetrexed Impurities	Pemetrexed Impurity 2	VL1240002	N/A
Pemetrexed Impurities	Pemetrexed Impurity 1	VL1240001	1265908-64-2
Pemetrexed Impurities	Pemetrexed EP Impurity E	VL1240005	182009-04-7
Pemetrexed Impurities	Ketopemetrexed Impurity	VL1240006	193281-00-4
Pemetrexed Impurities	Pemetrexed EP Impurity A	VL1240007	869791-42-4
Pemetrexed Impurities	Pemetrexed Glutamide	VL1240008	N/A
Pemetrexed Impurities	Pemetrexed N-Acetyl Adenine Impurity	VL1240009	N/A
Pentoxifylline Impurities	Pentoxifylline EP Impurity J	VE006425	874747-30-5
Perindopril Impurities	Perindopril EP Impurity H	VL114007	353777-64-7
Perindopril Impurities	Perindopril EP Impurity D	VL114006	130061-28-8
Perindopril Impurities	Perindopril EP Impurity C	VL114005	129970-99-6
Perindopril Impurities	Perindopril EP Impurity F	VL114004	129970-98-5
Perindopril Impurities	Perindopril EP Impurity E	VL114003	1356837-89-2



VEEPRHO IMPURITY REFERENCE STANDARDS

Perindopril Impurities	Perindopril EP Impurity B	VL114002	95153-31-4
Perindopril Impurities	Perindopril EP Impurity A	VL114001	80875-98-5
Perindopril Impurities	Perindopril EP Impurity K	VL114008	2165676-00-4
Perindopril Impurities	Perindopril EP Impurity I	VE006840	145513-33-3
Phenethyl Impurities	Phenethyl Alcohol	VL3850016	N/A
Pheniramine Impurities	Pheniramine EP Impurity A	VL3980001	101-82-6
Pheniramine Impurities	Pheniramine EP Impurity B	VL3980002	2116-65-6
Phenoxyethylpenicillin Impurities	6 Aminopenicillanic acid Impurity C	VL4760001	N/A
Phenoxyethylpenicillin Impurities	Phenoxy acetic acid Impurity B	VL4760002	27929-18-6
Phenoxyethylpenicillin Impurities	Benzyl Penicillin (Impurity-A)	VL4760003	N/A
Phenylacetylcarbinol Impurities	Phenylacetylcarbinol	VL3820001	53439-91-1
Phenylephrine Impurities	Benzyl phenylephrine	VL115003	286426-31-1
Phenylephrine Impurities	Phenylephrine EP Impurity E (HCl salt)	VL115002	71786-67-9
Phenylephrine Impurities	Phenylephrine EP Impurity C	VL115001	52093-42-2
Phenylephrine Impurities	Phenylephrine EP Impurity A	VL115004	4779-94-6
Phenylephrine Impurities	Norphenylphrine PTSA Salt	VL115005	657-84-1
Phenylephrine Impurities	Phenylephrine Impurity F	VL115007	581-96-4
Phenylephrine Impurities	Phenylephrine Impurity G	VL115008	N/A
Phenylephrine Impurities	Epinephrine Bitartrate	VL115009	51-42-3
Phenylephrine Impurities	Phenylephrine EP Impurity D	VL115010	1367567-95-0
Phenylephrine Impurities	Phenylephrine-citrate adduct	VL115011	N/A
Phenylephrine Impurities	(S)-Phenylephrine Hydrochloride	VE006373	939-38-8
Phenylephrine Impurities	Phenylephrine EP Impurity E(free base)	VE006388	56917-44-3
Phenylephrine Impurities	Phenylephrine Isoquinoline 4,6-diol analog	VE006500	23824-24-0
phenylglycine Impurities	phenylglycine Amide Impurity	VL3900001	6485-52-5
Phenytoin Impurities	Phenytoin EP Impurity C	VL2100001	3060-50-2
Phenytoin Impurities	Phenytoin EP Impurity E	VL2100002	6802-95-5
Phenytoin Impurities	Phenytoin EP Impurity D	VL2100003	5157-15-3
Phenytoin Impurities	Phenytoin EP Impurity B	VL2100005	134-81-6
Phenytoin Impurities	Phenytoin EP Impurity F	VL2100006	51169-17-6
Phytonadione Impurities	Phytonadione Epoxide Impurity (Trans)	VE007045	52691-91-5
Pimozide Impurities	Pimozide EP Impurity A	VL233002	20662-53-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Pimozide Impurities	Pimozide EP Impurity E	VL233001	1083078-88-9
Pioglitazone Impurities	Pioglitazone Aldehyde Impurity	VL1190009	114393-97-4
Pioglitazone Impurities	Pioglitazone Amino Impurity	VL1190008	85583-40-0
Pioglitazone Impurities	Pioglitazone Bromo impurity	VL1190007	669716-58-9
Pioglitazone Impurities	1-Hydroxy Pioglitazone	VL1190005	146062-44-4
Pioglitazone Impurities	Pioglitazone EP Impurity D	VL1190004	868754-41-0
Pioglitazone Impurities	Pioglitazone EP Impurity B	VL1190001	144809-28-9
Pioglitazone Impurities	Pioglitazone EP Impurity C	VL1190002	952188-00-0
Pioglitazone Impurities	Pioglitazone EP Impurity A	VL1190003	625853-74-9
Pioglitazone Impurities	Pioglitazone EP Impurity E	VL1190006	868754-42-1
Piperaquine Impurities	Piperaquine Chloro Impurity	VL610002	N/A
Piperaquine Impurities	Piperaquine Impurity (IV)	VL610001	31502-87-1
Piperaquine Impurities	Piperaquine Impurity I	VL610003	837-52-5
Piperaquine Impurities	Piperaquine 4-Hydroxy-7-Chloroquinoline	VL610004	86-99-7
Piperaquine Impurities	Piperaquine 4,7-Dichloroquinoline	VL610005	86-98-6
Piperaquine Impurities	4,5 Dichloroquinoline (4,5 Isomer) Piperaquine	VL610007	21617-18-5
Piperaquine Impurities	Piperaquine Impurity 4 HCl salt	VL610009	N/A
Piperazine Impurities	N-Ethyl Piperazine	VL244001	5308-25-8
Piretanide Impurities	Piretanide EP Impurity A	VL2530001	67641-46-7
Piretanide Impurities	Piretanide EP Impurity B	VL2530002	N/A
Piretanide Impurities	Piretanide EP Impurity C	VL2530003	N/A
Pirfenidone Impurities	Pirfenidone EP Impurity A	VE006820	1603-41-4
Pirfenidone Impurities	Pirfenidone EP Impurity B	VL1630002	1003-68-5
Pirfenidone Impurities	Pirfenidone EP Impurity C	VL1630003	108-95-2
Pirfenidone Impurities	Pirfenidone EP Impurity D	VL1630004	108-86-1
Piroxicam Impurities	Piroxicam EP Impurity L	VL1690012	118854-48-1
Piroxicam Impurities	Piroxicam EP Impurity K	VL1690011	N/A
Piroxicam Impurities	Piroxicam EP Impurity A	VL1690001	504-29-0 ; 26445-05-6 ; 24843-39-8
Piroxicam Impurities	Piroxicam EP Impurity B	VL1690002	65897-46-3
Piroxicam Impurities	Piroxicam EP Impurity F	VL1690003	76508-37-7
Piroxicam Impurities	Piroxicam EP Impurity C	VL1690004	24683-25-8
Piroxicam Impurities	Piroxicam EP Impurity D	VL1690005	6639-62-9
Piroxicam Impurities	Piroxicam EP Impurity E	VL1690006	24683-20-3
Piroxicam Impurities	Piroxicam EP Impurity G	VL1690007	35511-14-9
Piroxicam Impurities	Piroxicam EP Impurity H	VL1690008	24683-21-4
Piroxicam Impurities	Piroxicam EP Impurity I	VL1690009	76508-35-5
Piroxicam Impurities	Piroxicam EP Impurity J	VL1690010	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Pitavastatin Impurities	Anti-isomer impurity of Pitavastatin	VL4830001	254452-96-5
Pitavastatin Impurities	Methyl ester impurity of Pitavastatin	VL4830002	849811-78-5
Pitavastatin Impurities	5-Oxo impurity of Pitavastatin	VL4830003	222306-15-2
Pitavastatin Impurities	Lactone Impurity of Pitavastatin	VL4830004	141750-63-2
Pitavastatin Impurities	Z-Isomer impurity of Pitavastatin	VL4830005	1611991-85-5
Pitavastatin Impurities	Tertiarybutylester impurity of Pitavastatin	VL4830006	586966-54-3
Pitavastatin Impurities	Desfluoro Pitavastatin Calcium impurity	VL4830007	1258947-30-6
Pitavastatin Impurities	Pitavastatin Calcium 3S, 5R impurity	VL4830008	254452-88-5
Plerixafor Impurities	Cyclam impurity Plerixafor	VL4740001	176252-20-3
Posaconazole Impurities	Posaconazole Enantiomer impurity	VL4800001	2243785-97-7
Posaconazole Impurities	Posaconazole 4-Oxido Impurity	VE006897	1902954-05-5
Posaconazole Impurities	Posaconazole 1-Oxido Impurity	VE006898	1902954-03-3
Posaconazole Impurities	Posaconazole Dioxido Impurity	VE006899	1902957-95-2
Posaconazole Impurities	Posaconazole Impurity 25	VE006995	1428118-40-4
Posaconazole Impurities	Posaconazole Impurity 35	VE006996	2243785-81-9
Posaconazole Impurities	Posaconazole Impurity 34	VE006994	2125943-81-7
Posaconazole Impurities	Posaconazole Hydroxy Carbamate Impurity	VE006993	184177-81-9
Povidone Impurities	Crospovidone EP Impurity A	VL3410001	88-12-0
Pramipexole Impurities	Pramipexole EP Impurity D	VL119001	104632-27-1
Pramipexole Impurities	Pramipexole EP Impurity C	VL119002	1973461-14-1
Pramipexole Impurities	Pramipexole Propionamide	VL119003	106006-84-2
Pramipexole Impurities	Pramipexole EP Impurity B	VL119004	1246815-83-7
Pramipexole Impurities	Pramipexole EP Impurity A	VL119005	106092-09-5
Pramipexole Impurities	Pramipexole N-Propylpramipexol	VL119006	N/A
Pramipexole Impurities	Pramipexole EP Impurity E	VL119007	N/A
Pramipexole Impurities	(S)-Pramipexole N-Methylene Dimer	VE006902	N/A
Prasugrel Impurities	Prasugrel Impurity 10	VL113001	N/A
Prasugrel Impurities	Prasugrel Methyl Keto Impurity	VL1130010	N/A
Prasugrel Impurities	Prasugrel Impurity 16	VL1130011	N/A
Prasugrel Impurities	Prasugrel Keto Impurity	VL1130012	1443034-67-0
Prasugrel Impurities	Prasugrel 4-Fluoro Impurity	VL1130015	1391053-98-7
Prasugrel Impurities	Prasugrel Desoxo Impurity	VL1130016	201049-78-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Prasugrel Impurities	Prasugrel Desacetyl Hydroxy Impurity	VL1130017	N/A
Prasugrel Impurities	Prasugrel Desacetyl Impurity	VL1130018	N/A
Prasugrel Impurities	Prasugrel impurity 1	VL1130019	N/A
Prasugrel Impurities	Prasugrel In-House Impurity D (HCl salt)	VE006728	1391053-53-4
Prasugrel Impurities	Prasugrel CATP Impurity	VL113003	N/A
Prasugrel Impurities	Prasugrel Impurity 3	VL113004	N/A
Prasugrel Impurities	Prasugrel Impurity 5	VL113005	1359829-72-3
Prasugrel Impurities	Prasugrel Impurity 6	VL113006	N/A
Prasugrel Impurities	Prasugrel Impurity 7	VL113007	115473-15-9
Prasugrel Impurities	Prasugrel Impurity 8	VL113008	N/A
Prasugrel Impurities	Prasugrel Impurity 11	VL113009	N/A
Prasugrel Impurities	Prasugrel In-House Impurity D (free base)	VL113002	1391194-45-8
Praziquantel Impurities	Praziquantel EP Impurity A	VL2070001	54761-87-4
Praziquantel Impurities	Praziquantel Impurity E	VL2070002	N/A
Prazosin Impurities	Prazosin EP Impurity A	VL1410001	N/A
Prazosin Impurities	Prazosin EP Impurity B	VL1410002	31350-27-3
Prazosin Impurities	Prazosin EP Impurity C	VL1410003	N/A
Prazosin Impurities	Prazosin EP Impurity D	VL1410004	60548-09-6
Prazosin Impurities	Prazosin EP Impurity E	VL1410005	N/A
Prednisolone Impurities	Prednisolone EP Impurity G	VL4090001	2299-46-9
Prednisolone Impurities	Prednisolone 20 α -Hydroxy Impurity	VL4090002	15847-24-2
Prednisolone Impurities	Prednisolone 17-Acetate	VL4090003	52628-64-5
Prednisolone Impurities	Methylprednisolone acetate EP Impurity H	VL4090004	1968-76-9
Prednisolone Impurities	Prednisolone Acetate EP impurity C	VL4090005	N/A
Prednisolone Impurities	Prednisolone Acetate EP Impurity D	VL4090006	20423-99-8
Prednisolone Impurities	Prednisolone Acetate EP Impurity E	VL4090007	4380-55-6
Prednisolone Impurities	Methylprednisolone	VL4090009	83-43-2
Prednisolone Impurities	Methylprednisolone acetate	VL4090010	N/A
Prednisolone Impurities	Methyl prednisolone 17-propionate	VL4090011	79512-61-1
Prednisolone Impurities	Methylprednisolone 21-propionate	VL4090012	138804-88-3
Prednisolone Impurities	Prednisolone 17- β hydroxyacid	VL4090013	95671-46-8



VEEPRHO IMPURITY REFERENCE STANDARDS

Prednisolone Impurities	Prednisolone-17-acid 17-ethyl carbonate	VL4090014	N/A
Prednisolone Impurities	Prednisolone dicarbonate	VL4090015	N/A
Prednisolone Impurities	Prednisolone 20-ethyl ester	VL4090016	N/A
Prednisolone Impurities	Methylprednisolone Deltamedrane Impurity	VL4090018	6870-94-6
Prednisolone Impurities	6 α -Methylprednisolone 21-Hemisuccinate	VL4090019	2921-57-5
Prednisolone Impurities	Methyl Prednisolone 17-Hemisuccinate	VL4090020	N/A
Prednisolone Impurities	Methylprednisolone Acetate EP Impurity I	VL4090021	N/A
Prednisolone Impurities	Prednisolone 21 Acetate	VL4090008	N/A
Prednisolone Impurities	Prednisolone EP Impurity J	VE006562	1807-14-3
Prednisolone Impurities	Prednisolone EP Impurity F	VE006861	600-90-8
Prednisolone Impurities	Prednisolone EP Impurity D	VE006905	16355-29-6
Prednisolone Impurities	Prednisolone EP Impurity E	VE006906	95815-58-0
Prednisolone Impurities	9-Fluoro Prednisolone	VE007338	338-95-4
Prednisone Impurities	Prednisone Impurity C	VL4090022	N/A
Prednisone Impurities	Prednisone Impurity B	VL4420001	N/A
Prednisone Impurities	Prednisone EP Impurity A	VL4420002	50-23-7
Prednisone Impurities	Prednisone EP Impurity D	VL4420003	10184-69-7
Prednisone Impurities	Prednisone EP Impurity K	VL4420005	7738-93-4
Prednisone Impurities	Prednisone EP Impurity J	VE006570	78261-67-3
Prednisone Impurities	3,11-Dioxoandrosta analog	VE006571	80699-76-9
Prednisone Impurities	17-Deshydroxyacetyl 17- Carbonyl Prednisolone*	VE006907	167997-18-4
Pregabalin Impurities	Pregabalin Related Compound C	VL263001	61312-87-6
Pregabalin Impurities	Pregabalin Racemic Impurity	VL263002	128013-69-4
Pregabalin Impurities	Pregabalin (R)-1-Phenylethanamine Impurity	VL263003	N/A
Pregabalin Impurities	Pregabalin 4-Ene Impurity	VL263004	N/A
Pregabalin Impurities	Pregabalin Diacid Impurity	VL263005	5702-99-8
Pregabalin Impurities	Pregabalin Mono Amide Impurity	VL263006	181289-15-6
Pregabalin Impurities	Pregabalin Piperidinedione Impurity	VL263010	916982-10-0
Pregabalin Impurities	Pregabalin EP Impurity D	VL263011	4118-51-8
Pregabalin Impurities	Pregabalin EP Impurity B	VL263014	N/A
Pregabalin Impurities	Pregabalin Lactose Conjugate Impurity-1	VL263016	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Pregabalin Impurities	3-Isobutylglutaric anhydride	VL263021	185815-59-2
Pregabalin Impurities	PEA (phenyl ethylamine)	VL263022	64-04-0
Pregabalin Impurities	3-Isobutylglutaric Acid	VL263024	75143-89-4
Pregabalin Impurities	PGB-5 (3-carbamoylmethyl-5-methylhexanoi	VL263025	N/A
Pregabalin Impurities	Pregabalin (2,6-dihydroxy-4-isobutylpyridine-3,5-dicarbonitrile	VL263026	N/A
Pregabalin Impurities	Pregabalin EP Impurity C	VL263027	90-64-2
Pregabalin Impurities	pregabaline impurity,(R)-(-)-3-Carbamoylmethyl-5-methylhexanoic acid	VL263030	181289-33-8
Pregabalin Impurities	pregabaline impurity 3	VL263031	216576-74-8
Pregabalin Impurities	Pregabalin EP Impurity A	VL263034	N/A
Prilocaine Impurities	Prilocaine EP Impurity E	VL3920001	744961-76-0
Primaquine Phosphate Impurities	Primaquine Phosphate Secaquine Impurity	VL2130001	N/A
Primaquine Phosphate Impurities	Primaquine Phosphate Related Compound A	VL2130005	525-61-1
Primidone Impurities	Primidone EP Impurity A	VL3020001	7206-76-0
Primidone Impurities	Primidone EP Impurity B	VL3020002	50-06-6
Primidone Impurities	Primidone EP Impurity C	VL3020003	90-26-6
Primidone Impurities	Primidone EP Impurity D	VL3020004	80544-75-8
Prochlorperazine Impurities	Prochlorperazine Sulphoxide	VL3240001	10078-27-0
Progesterone Impurities	Progesterone EP Impurity M	VL2520001	2000-66-0
Progesterone Impurities	17 α -Hydroxyprogesterone	VL2520002	68-96-2
Progesterone Impurities	Hydroxyprogesterone Acetate	VL2520003	302-23-8
Progesterone Impurities	Hydroxyprogesterone Valerate	VL2520004	N/A
Progesterone Impurities	Hydroxyprogesterone Enanthate	VL2520005	4596-16-1
Progesterone Impurities	17 α -Hydroxyprogesterone Valerate	VL2520006	6677-15-2
Progesterone Impurities	Progesterone 17-Hydroxy Impurity	VL2520008	N/A
Progesterone Impurities	Progesterone EP Impurity C	VL2520009	145-15-3
Progesterone Impurities	Progesterone EP Impurity D	VL2520010	5035-09-6
Progesterone Impurities	Progesterone EP Impurity H	VL2520011	1162-56-7
Progesterone Impurities	Progesterone EP Impurity J	VL2520012	1162-54-5
Progesterone Impurities	Progesterone EP Impurity K	VL2520013	17652-16-3
Progesterone Impurities	Progesterone EP Impurity B	VL2520015	145-14-2
Promazine Impurities	Promazine Impurity I	VL3060001	58-40-2 (salt)



VEEPRHO IMPURITY REFERENCE STANDARDS

Promazine Impurities	Promazine EP Impurity A	VL3060002	146-21-4
Promazine Impurities	Promazine Impurity II	VL3060003	2095-20-7
Promethazine Impurities	Promethazine EP Impurity A	VL1490001	92-84-2
Promethazine Impurities	Promethazine EP Impurity B	VL1490002	5568-90-1
Promethazine Impurities	Promethazine EP Impurity C	VL1490003	60113-77-1
Promethazine Impurities	Promethazine EP Impurity D	VL1490004	7640-51-9
Propafenone Impurities	Propafenone EP Impurity A	VL260001	3516-95-8
Propafenone Impurities	Propafenone EP Impurity B	VL260002	88308-22-9
Propafenone Impurities	Propafenone EP Impurity C	VL260003	22525-95-7
Propafenone Impurities	Propafenone EP Impurity D	VL260004	91401-73-9
Propafenone Impurities	Propafenone EP Impurity E	VL260005	165279-79-8
Propafenone Impurities	Propafenone EP Impurity F	VL260006	1329643-40-4
Propafenone Impurities	Dealkyl Propafenone	VL260007	86383-21-3
Propafenone Impurities	Propafenone EP Impurity G	VL260008	1346603-80-2
Propafenone Impurities	Propafenone EP Impurity H	VL260009	27439-12-9
Propafenone Impurities	Propafenone Related Compound A	VL260010	N/A
Propafenone Impurities	N-Despropyl propafeone	VL260011	93885-20-2
Propofol Impurities	Propofol EP Impurity J	VL3260001	1988-11-0
Propofol Impurities	Propofol EP Impurity E	VE006491	2416-95-7
Propofol Impurities	Propofol EP Impurity A	VE006605	2934-05-6
Propofol Impurities	Propofol EP Impurity G	VE006606	141214-18-8
Propranolol Impurities	Propranolol Epoxide	VL188001	2461-42-9
Propranolol Impurities	Propranolol EP Impurity B	VL188005	83314-78-7
Propranolol Impurities	Propranolol EP Impurity A	VL188002	36112-95-5
Propranolol Impurities	Propranolol EP Impurity C	VL188004	17216-10-3
Propyl Gallate Impurities	Propyl Gallate	VL2420001	121-79-9
Prucalopride Impurities	Prucalopride impurity A	VE006179	137211-64-4
Prucalopride Impurities	Prucalopride-N-Oxide	VE006288	1900715-98-1
Pyrantel Impurities	Pyrantel EP Impurity D	VL2780002	4271-96-9
Pyridostigmine Impurity	Pyridostigmine EP Impurity A	VE006883	51581-32-9
Pyridostigmine Impurity	Pyridostigmine EP Impurity B	VE006884	31034-86-3
Pyridoxine Impurities	Pyridoxine EP Impurity B	VL1710001	58-56-0
Pyridoxine Impurities	Pyridoxine EP Impurity A	VL1710003	5196-20-3
Quetiapine Impurities	Quetiapine EP Impurity F	VL126005	848814-27-7
Quetiapine Impurities	Quetiapine 2-(2-chloroethoxy) ethanol	VL1260015	628-89-7
Quetiapine Impurities	Quetiapine EP Impurity C	VL126003	1798840-31-9
Quetiapine Impurities	Quetiapine EP Impurity B	VL126002	N/A
Quetiapine Impurities	Quetiapine DBTP N-Methyl Impurity	VL1260022	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Quetiapine Impurities	Quetiapine EP Impurity T	VL1260018	5747-46-6
Quetiapine Impurities	Quetiapine EP Impurity P	VL1260009	1011758-03-4 (base)
Quetiapine Impurities	Quetiapine EP Impurity A	VL1260017	844639-07-2
Quetiapine Impurities	Quetiapine EP Impurity I	VL1260011	329216-67-3
Quetiapine Impurities	Quetiapine EP Impurity D	VL1260004	945668-94-0
Quetiapine Impurities	Quetiapine EP Impurity S	VL1260008	329216-63-9
Quetiapine Impurities	Quetiapine EP Impurity H	VL1260007	1076199-40-0
Quetiapine Impurities	Quetiapine EP Impurity Q	VL1260010	N/A
Quetiapine Impurities	Quetiapine EP Impurity G	VL1260013	3159-07-7
Quetiapine Impurities	Phenyl [2-phenylthio]phenyl]carbamate	VL1260023	111974-73-3
Quetiapine Impurities	N,N-dimethylaniline	VL1260025	121-69-7
Quetiapine Impurities	Quetiapine HEEP Impurity	VL1260019	13349-82-1
Quetiapine Impurities	Quetiapine EP Impurity J	VL1260006	1356906-17-6
Quetiapine Impurities	Quetiapine EP Impurity N	VL1260012	1800291-86-4
Quetiapine Impurities	Quetiapine Quaternary Salt	VL1260014	N/A
Quetiapine Impurities	2-[(2-Aminophenyl)sulfanyl]benzotrile	VL1260020	140425-65-6
Quetiapine Impurities	2,2-aminophenyl thio benzoic acid hydrochloride	VL1260021	114724-41-3
Quetiapine Impurities	2-nitro diphenyl sulphide	VL1260024	N/A
Quetiapine Impurities	2-(2-chloroethoxy)ethanol	VL1260026	N/A
Quetiapine Impurities	Quetiapine Diether Alcohol Impurity (HCl Salt)	VE006506	N/A
Quinoline Impurities	4,7-Dichloro Quinoline	VL410001	N/A
Quinuclidinol Impurities	3-Quinuclidinol (S-(-)-3-Quinuclidinol)	VL3760001	34583-34-1
Rabeprazole Impurities	Rabeprazole EP Impurity D	VL970001	924663-40-1
Rabeprazole Impurities	Rabeprazole Sodium STAGE - I	VL970002	117976-90-6
Rabeprazole Impurities	Rabeprazole EP Impurity I	VL970003	924663-37-6
Rabeprazole Impurities	Rabeprazole Related Compound F	VL970005	168167-42-8
Rabeprazole Impurities	Rabeprazole Related Compound D	VL970007	117976-47-3
Rabeprazole Impurities	Rabeprazole Related Compound E	VL970008	117977-21-6
Rabeprazole Impurities	Rabeprazole EP Impurity G	VL970010	102804-82-0
Rabeprazole Impurities	Rabeprazole Related compound A	VL970011	1163685-30-0 (free acid)



VEEPRHO IMPURITY REFERENCE STANDARDS

Rabeprazole Impurities	Rabeprazole Related compound C	VL970012	583-39-1
Rabeprazole Impurities	Rabeprazole EP Impurity E	VL970013	102804-77-3
Rabeprazole Impurities	Benzimidazole	VL970014	51-17-2
Racecadotril Impurities	Racecadotril EP Impurity C	VL1850001	124735-06-4
Racecadotril Impurities	Racecadotril EP Impurity F	VL1850002	87428-99-7
Racecadotril Impurities	Racecadotril EP Impurity E	VL1850003	5669-19-2
Raloxifene Impurities	Raloxifene EP Impurity D	VL270001	177744-96-6
Raloxifene Impurities	Raloxifene N-Oxide	VL270003	195454-31-0
Raloxifene Impurities	Raloxifene EP Impurity A	VE006607	1159977-58-8
Ramelteon Impurities	Ramelteon Impurity E	VE007030	N/A
Ramipril Impurities	Ramipril EP Impurity E	VL129009	87269-97-4
Ramipril Impurities	Ramipril EP Impurity K	VL129004	108736-10-3
Ramipril Impurities	Ramipril EP Impurity N	VL129013	129939-63-5
Ramipril Impurities	Ramipril EP Impurity C	VL129005	99742-35-5
Ramipril Impurities	Ramipril EP Impurity G	VL129002	108-88-3
Ramipril Impurities	Ramipril EP Impurity O	VL129003	N/A
Ramipril Impurities	Ramipril EP Impurity A	VL129001	108313-11-7
Ramipril Impurities	Ramipril EP Impurity H	VL129006	104195-90-6
Ramipril Impurities	Ramipril EP Impurity I	VL129007	129939-65-7
Ramipril Impurities	Ramipril EP Impurity L	VL129008	N/A
Ramipril Impurities	Ramipril EP Impurity J	VL129011	1246253-05-3
Ramipril Impurities	Ramipril EP Impurity M	VL129012	N/A
Ramipril Impurities	Ramipril EP Impurity D	VL129014	108731-95-9
Ramipril Impurities	Ramipril EP Impurity B	VL129015	295328-72-2
Ramipril Impurities	Ramipril Impurity 2	VL129016	138877-09-5
Ramipril Impurities	Ramipril impurity 1	VL129017	94498-85-8
Rancinamycin Impurities	3,4 – Dihydroxybenzaldehyde (DHB Impurity)	VL2880001	N/A
Ranitidine Impurities	Ranitidine EP Impurity H	VL220012	72078-82-1
Ranitidine Impurities	Ranitidine EP Impurity F	VL220010	81074-81-9
Ranitidine Impurities	Ranitidine EP Impurity D	VL220009	117846-02-3
Ranitidine Impurities	Ranitidine EP Impurity G	VL220011	112233-23-5
Ranitidine Impurities	Ranitidine EP impurity I	VL220013	207592-21-0
Ranitidine Impurities	Ranitidine EP Impurity K	VL220015	61832-41-5
Ranitidine Impurities	Ranitidine EP Impurity E	VL220008	73857-20-2
Ranitidine Impurities	Ranitidine EP Impurity A	VL220001	72126-78-4
Ranitidine Impurities	Ranitidine EP Impurity C	VL220002	73851-70-4
Ranitidine Impurities	Ranitidine EP Impurity B	VL220003	72545-66-5
Ranitidine Impurities	Ranitidine EP Impurity J	VE006184	1331637-48-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Ranitidine Impurities	Ranitidine 1,1-Bis(methylthio)-2-nitroethylene	VE006579	13623-94-4
Ranitidine Impurities	Ranitidine BP Impurity B	VE006670	66356-53-4
Ranolazine Impurities	Ranolazine Alcohol Dimer	VL770010	333749-57-8
Ranolazine Impurities	Ranolazine Related Compound D	VL770003	380204-72-8
Ranolazine Impurities	Ranolazine Related Compound C	VL770004	5294-61-1
Ranolazine Impurities	Ranolazine N-oxide Impurity	VL770001	N/A
Ranolazine Impurities	Ranolazine N,N-Dioxide Impurity	VL770002	1246816-00-1
Ranolazine Impurities	Ranolazine O-Desmethyl Impurity	VL770021	172430-45-4
Ranolazine Impurities	Ranolazine N-Desacetamido Impurity	VL770015	162712-35-8
Ranolazine Impurities	Ranolazine O-desaryl impurity	VL770014	172430-46-5
Ranolazine Impurities	Ranolazine Related Compound B	VL770009	N/A
Ranolazine Impurities	Ranolazine Related Compound A	VL770008	2210-74-4
Ranolazine Impurities	Ranolazine Desmethoxy Impurity	VL770012	755711-09-2
Ranolazine Impurities	p-Ranolazine	VL770016	1393717-45-7
Ranolazine Impurities	m-Ranolazine	VL770017	1393717-46-8
Ranolazine Impurities	Ranolazine ether dimer	VL770018	N/A
Ranolazine Impurities	Ranolazine Dianisylglycerol	VL770019	16929-60-5
Rasagiline Impurities	Rasagiline 2-Chloro Allyl Impurity (Free base)	VL255002	1175018-73-1
Rasagiline Impurities	Allyl Amine	VL255003	107-11-9
Rasagiline Impurities	1-Indanone	VL255004	83-33-0
Rasagiline Impurities	1- Amino Indane	VL255005	10277-74-4
Rasagiline Impurities	1-Indanol	VL255006	25501-32-0
Rasagiline Impurities	Rasagiline Keto Impurity	VL255007	N/A
Rasagiline Impurities	S-isomer of Rasagiline	VL255008	185517-74-2
Rasagiline Impurities	Rasagiline Dimer	VL255010	N/A
Rasagiline Impurities	Rasagiline S-Isomer Mesylate salt	VL255011	202464-89-9
Rasagiline Impurities	Rasagiline Impurity IV	VL255012	N/A
Rasagiline Impurities	Rasagiline N-Allyl-1-indanamine	VE006588	91639-43-9
Rasagiline Impurities	Rasagiline 2-Chloro ally Impurity (Racemic Mixture)	VE006589	1179031-47-0
Remdesivir Impurities	Remdesivir O-Desphosphate Analogue	VE006026	N/A
Remdesivir Impurities	Remdesivir O-Desphosphate Tri-OBn Impurity	VE006027	1355049-94-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Remdesivir Impurities	Remdesivir O-Desphosphate Acetonide Impurity	VE006024	1191237-80-5
Remdesivir Impurities	Remdesivir Carboxylic Acid	VE006023	N/A
Remdesivir Impurities	Remdesivir Desalanyl Impurity	VE006025	N/A
Repaglinide Impurities	Repaglinide Related Compound E	VL3320012	147852-26-4
Repaglinide Impurities	Repaglinide EP Impurity B	VL3320002	99469-99-5
Repaglinide Impurities	Repaglinide EP Impurity C	VE006549	147769-93-5
Repaglinide Impurities	Repaglinide EP Impurity D	VL3320004	147770-06-7
Repaglinide Impurities	Repaglinide Related Compound C	VL3320005	1803084-79-8
Repaglinide Impurities	Repaglinide EP Impurity E	VL3320006	N/A
Repaglinide Impurities	Repaglinide EP Impurity A	VL3320007	N/A
Repaglinide Impurities	Repaglinide Ethyl ester (As per USP)	VL3320011	N/A
Riboflavin Impurities	Riboflavin EP Impurity A	VE006300	1088-56-8
Riboflavin Impurities	Riboflavin EP Impurity B	VE006301	1086-80-2
Rifabutin Impurities	Rifabutin EP Impurity C	VE006629	N/A
Rifampicin Impurities	Rifampicin EP Impurity B	VL2760001	51963-55-4
Rifampicin Impurities	Rifampicin EP Impurity A	VL2760006	13983-13-6
Rifampicin Impurities	3-Formylrifamycin SV	VL2760003	13292-22-3
Rifampicin Impurities	25-Desacetyl rifampicin	VL2760004	16783-99-6
Rifampicin Impurities	25-Desacetyl-21-acetyl rifampicin	VL2760005	1416773-22-2
Rifaximin Impurities	Rifaximin EP Impurity A	VL4360001	695-34-1
Rifaximin Impurities	Rifaximin EP Impurity B	VL4360002	13929-35-6
Rifaximin Impurities	Rifaximin EP Impurity C	VL4360003	6998-60-3
Rifaximin Impurities	Rifaximin EP Impurity E	VL4360004	N/A
Rifaximin Impurities	Rifaximin EP Impurity F	VL4360005	14487-05-9
Rifaximin Impurities	Rifaximin EP Impurity D	VL4360007	N/A
Rifaximin Impurities	Rifaximin Impurity 1	VL4360009	1351775-04-6
Rifaximin Impurities	Rifaximin N-Oxide Impurity	VL4360010	N/A
Rifaximin Impurities	Rifaximin EP Impurity G	VL4360006	80621-76-7
Rifaximin Impurities	Rifaximin Impurity 2	VL4360011	N/A
Rifaximin Impurities	Rifaximin EP Impurity C (Sodium salt)	VE006638	14897-39-3
Rilpivirine Impurities	Rilpivirine Impurity	VL4070001	500287-72-9
Rilpivirine Impurities	Rilpivirine Z-Isomer	VE006956	500287-94-5
Riluzole Impurities	Riluzole Related Compound A	VL4130001	461-82-5
Riociguat Impurities	Riociguat Methyl dihydropurinone	VE006062	1361569-18-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Riociguat Impurities	Riociguat Impurity 1	VL3570001	N/A
Riociguat Impurities	Riociguat Impurity 2	VL3570002	N/A
Risedronate Impurities	Risedronate EP Impurity B	VL4190002	105462-23-5
Risedronate Impurities	Risedronate EP Impurity A	VL4190001	N/A
Risedronic Impurities	Risedronic acid	VL3780001	105462-24-6
Risperidone Impurities	Risperidone EP Impurity E	VL1520005	1346602-28-5
Risperidone Impurities	Risperidone EP Impurity C	VL1520003	144598-75-4
Risperidone Impurities	Risperidone EP Impurity D	VL1520004	1199589-74-6
Risperidone Impurities	Risperidone EP Impurity H	VL1520010	N/A
Risperidone Impurities	Risperidone EP Impurity A	VL1520001	691007-09-7
Risperidone Impurities	Risperidone N Oxide	VL1520006	832747-55-4
Risperidone Impurities	Risperidone Related Compound G	VL1520009	152542-00-2
Risperidone Impurities	Risperidone EP Impurity B	VL1520002	132961-05-8
Risperidone Impurities	Risperidone EP Impurity K	VL1520008	106266-09-5
Risperidone Impurities	Bicyclorisperidone	VL1520011	2231638-02-9
Risperidone Impurities	Risperidone Impurity H	VL1520012	158697-67-7
Risperidone Impurities	Risperidone IH Impurity 3 (Quaternary Salt)	VL1520013	N/A
Risperidone Impurities	Risperidone EP Impurity L	VL1520016	63234-80-0
Risperidone Impurities	Risperidone Difluorobenzoyl impurity	VL1520017	106266-04-0
Risperidone Impurities	Respiridone	VL217011	106266-06-2
Ritonavir Impurities	Ritonavir EP Impurity G	VL860001	2034136-66-6
Ritonavir Impurities	Ritonavir EP Impurity P	VL860005	N/A
Ritonavir Impurities	Ritonavir EP Impurity E	VL860004	176655-56-4
Ritonavir Impurities	Ritonavir EP Impurity H	VL860002	1010809-43-4
Ritonavir Impurities	Ritonavir O-Aceyl Impurity	VL860003	959315-21-0
Ritonavir Impurities	Ritonavir EP Impurity F	VE005950	1010809-61-6
Ritonavir Impurities	Ritonavir EP Impurity S	VL860011	2084828-53-3
Ritonavir Impurities	Ritonavir EP Impurity R	VL860010	1414933-80-4
Ritonavir Impurities	Ritonavir EP Impurity Q	VL860009	N/A
Ritonavir Impurities	Ritonavir EP Impurity C	VE006700	1010808-43-1
Ritonavir Impurities	Ritonavir EP Impurity D	VE006702	144142-33-6
Ritonavir Impurities	Ritonavir EP Impurity O	VE006703	1414933-81-5
Ritonavir Impurities	Ritonavir EP Impurity J & Ritonavir EP Impurity K Mixture	VE006712	Ritonavir EP Impurity J (CAS 162849-95-8) ; Ritonavir EP Impurity K (CAS 1010809-39-8)
Ritonavir Impurities	Ritonavir EP Impurity T	VE006704	869368-48-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Ritonavir Impurities	Ritonavir EP Impurity A and Ritonavir EP Impurity B Mixture	VE006710	Ritonavir EP Impurity A (CAS 154212-61-0) and Ritonavir EP Impurity B (CAS 765875-58-9 (base))
Ritonavir Impurities	Ritonavir EP Impurity U	VE006705	N/A
Ritonavir Impurities	Ritonavir EP Impurity M	VE006707	N/A
Ritonavir Impurities	Ritonavir EP Impurity L	VE006706	256328-82-2
Ritonavir Impurities	Ritonavir Impurity 2	VE006709	144163-97-3
Ritonavir Impurities	Ritonavir Impurity 3	VE006711	534-07-6
Ritonavir Impurities	4-Nitrophenyl Chloroformate	VE006708	7693-46-1
Ritonavir Impurities	Ritonavir EP Impurity A	VE006812	154212-61-0
Ritonavir Impurities	Ritonavir EP Impurity J	VE006813	162849-95-8
Ritonavir Impurities	Ritonavir EP Impurity B	VE006814	765875-58-9
Ritonavir Impurities	Ritonavir EP Impurity K	VE006815	1010809-39-8
Ritonavir Impurities	Ritonavir Isoleucine Analog	VE006839	N/A
Rivaroxaban Impurities	Rivaroxaban Impurity II	VL2140002	85-41-6
Rivaroxaban Impurities	Rivaroxaban Impurity III	VL2140003	1074-82-4
Rivaroxaban Impurities	Rivaroxaban Impurity	VL2140004	366789-02-8
Rivaroxaban Impurities	Rivaroxaban R-isomer impurity	VL2140005	865479-71-6
Rivaroxaban Impurities	Rivaroxaban Descarboxyl Impurity	VE006370	721401-53-2
Rivaroxaban Impurities	Rivaroxaban EP Impurity H	VL2140010	1770812-37-7
Rivaroxaban Impurities	Rivaroxaban EP Impurity E	VL2140008	1415566-28-7
Rivaroxaban Impurities	Rivaroxaban EP Impurity D	VL2140007	1365267-35-1
Rivaroxaban Impurities	Rivaroxaban EP Impurity B	VE006402	1429334-00-8
Rivaroxaban Impurities	Rivaroxaban EP Impurity G	VE006403	446292-08-6
Rivaroxaban Impurities	Rivaroxaban EP Impurity I	VE006404	1151893-81-0
Rivaroxaban Impurities	Rivaroxaban EP Impurity J	VE006405	1632463-24-1
Rivaroxaban Impurities	Rivaroxaban Aminomethyl Impurity	VE006551	898543-06-1
Rivaroxaban Impurities	Rivaroxaban Open-Ring N-Methyl Impurity	VE006997	1807455-76-0
Rivastigmine Impurities	Rivastigmine Desmethyl Impurity	VL226001	1070660-34-2
Rivastigmine Impurities	Rivastigmine EP Impurity C	VL226003	855300-09-3
Rivastigmine Impurities	Rivastigmine EP Impurity H	VL226007	586-37-8
Rivastigmine Impurities	Rivastigmine Related Compound E	VL226002	1800020-46-5(Base)
Rivastigmine Impurities	Rivastigmine EP Impurity E	VL226004	923035-05-6
Rivastigmine Impurities	Rivastigmine EP Impurity F	VL226005	889443-69-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Rivastigmine Impurities	Rivastigmine EP Impurity G	VL226006	23308-82-9
Rivastigmine Impurities	Rivastigmine EP Impurity A	VL226009	139306-10-8
Rivastigmine Impurities	Rivastigmine Carbamate Impurity	VL226012	1346242-31-6
Rivastigmine Impurities	Rivastigmine Ether Impurity	VL226013	1346242-32-7
Rivastigmine Impurities	Rivastigmine EP Impurity D	VE006367	415973-05-6
Rivastigmine Impurities	Rivastigmine N-Oxide impurity	VL226014	1369779-37-2
Rizatriptan Impurities	Rizatriptan EP Impurity I	VL221002	144034-84-4
Rizatriptan Impurities	Rizatriptan EP Impurity C	VL221001	208941-96-2
Rizatriptan Impurities	Rizatriptan N methyl Adduct	VL221004	N/A
Rizatriptan Impurities	Rizatriptan EP Impurity H	VL221003	260435-42-5
Rizatriptan Impurities	Rizatriptan 2,5-Dimer	VL221006	1135479-44-5
Roflumilast Impurities	Roflumilast Impurity DP 1	VL640001	N/A
Roflumilast Impurities	Roflumilast Impurity DP 2	VL640002	N/A
Roflumilast Impurities	Roflumilast Impurity DP 3	VL640003	N/A
Roflumilast Impurities	Roflumilast Impurity DP 4	VL640004	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC01	VL640005	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC02	VL640006	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC03	VL640007	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC04	VL640008	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC05	VL640009	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC06	VL640010	N/A
Roflumilast Impurities	Roflumilast Impurity H RFLRC07	VL640011	N/A
Roflumilast Impurities	Roflumilast Impurity 7	VL640014	1243391-44-7
Roflumilast Impurities	Roflumilast carboxylic acid	VL640013	162401-62-9
Roflumilast Impurities	Roflumilast Impurity 9	VL640012	162401-78-7
Ropinirole Impurities	Ropinirole EP Impurity D	VL262002	106916-16-9
Ropinirole Impurities	Ropinirole Propylidene	VL262004	145570-92-9
Ropinirole Impurities	Ropinirole Cyclopentanylindolinone Impurity	VL262005	1368745-05-4
Ropinirole Impurities	Methylene Ropinirole	VL262006	N/A
Ropinirole Impurities	N-Hydroxy Ropinirole	VL262001	954117-22-7
Ropinirole Impurities	Ropinirole N-Oxide Impurity	VL262003	1076199-41-1
Ropinirole Impurities	Ethyl Ropinirole	VL262007	1797132-03-6
Ropinirole Impurities	Ropinirole Open Ring Impurity Derivative	VL262008	720656-64-4
Ropinirole Impurities	Ropinirole Methylene Dimer	VL262011	1800102-50-4
Ropinirole Impurities	Ropinirole EP Impurity F	VL262009	139122-19-3
Ropinirole Impurities	N-Hydroxymethyl Ropinirole	VL262010	1027600-42-5
Ropinirole Impurities	Ropinirole EP Impurity A	VL262012	221264-21-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Ropinirole Impurities	Ropinirole EP Impurity H	VL262013	N/A
Ropinirole Impurities	Ropinirole EP Impurity E	VL262016	N/A
Ropinirole Impurities	Ropinirole EP Impurity G	VL262017	76149-15-0
Ropinirole Impurities	Ropinirole EP Impurity B	VL262018	249622-60-4
Ropinirole Impurities	N-Hydroxy Ropinirole HCl	VE006635	1542267-72-0
Ropivacaine Impurities	Ropivacaine Related Compound A	VL660001	21436-98-6
Rosuvastatin Impurities	Rosuvastatin EP Impurity D	VL127002	503610-43-3
Rosuvastatin Impurities	Rosuvastatin 3S 5S isomer	VL127007	N/A
Rosuvastatin Impurities	Rosuvastatin 4,6-Diene Impurity	VL127024	1422954-13-9
Rosuvastatin Impurities	Rosuvastatin Acid Impurity	VL127020	1659301-59-3
Rosuvastatin Impurities	Rosuvastatin EP Impurity L	VL127006	1347362-67-7
Rosuvastatin Impurities	Rosuvastatin EP Impurity G	VL127009	1242184-42-4
Rosuvastatin Impurities	Rosuvastatin EP Impurity B	VL127001	1094100-06-7
Rosuvastatin Impurities	Rosuvastatin EP Impurity C	VL127003	1422619-13-3
Rosuvastatin Impurities	Rosuvastatin Bromomethyl Impurity	VL127027	799842-07-2
Rosuvastatin Impurities	Rosuvastatin EP Impurity H	VL127015	1335110-44-5
Rosuvastatin Impurities	Rosuvastatin EP Impurity I	VL127016	N/A
Rosuvastatin Impurities	Rosuvastatin EP Impurity J	VL127014	N/A
Rosuvastatin Impurities	Rosuvastatin Ethyl Ester Impurity	VL127022	851443-04-4
Rosuvastatin Impurities	Rosuvastatin Formyl Impurity	VL127025	147118-37-4
Rosuvastatin Impurities	Rosuvastatin Hydroxy methyl Impurity	VL127026	147118-36-3
Rosuvastatin Impurities	Rosuvastatin Hydroxy propenyl Impurity	VL127028	910867-08-2
Rosuvastatin Impurities	Rosuvastatin Tert Butyl Ester	VL127010	355806-00-7
Rosuvastatin Impurities	Rosuvastatin EP Impurity A	VL127008	1714147-50-8
Rosuvastatin Impurities	Rosuvastatin EP Impurity E	VL127005	N/A
Rosuvastatin Impurities	Rosuvastatin Z Isomer	VL127011	N/A
Rosuvastatin Impurities	Rosuvastatin EP Impurity F	VL127004	289042-12-2
Rosuvastatin Impurities	Rosuvastatin Methyl Ester Impurity	VL127012	147118-40-9
Rosuvastatin Impurities	3-Dehydro Rosuvastatin	VL127013	N/A
Rosuvastatin Impurities	Rosuvastatin (3R,5R)-Isomer t-Butyl Ester	VL127023	2162136-65-2
Rosuvastatin Impurities	3R 5R -Rosuvastatin sodium salt	VL127029	N/A
Rosuvastatin Impurities	Rosuvastatin Ally Ester Impurity	VL127031	1352945-05-1
Rosuvastatin Impurities	Rosuvastatin Anhydro Lactone	VL127032	1246665-85-9
Rosuvastatin Impurities	Rosuvastatin FP Impurity B	VE006136	287714-41-4
Rosuvastatin Impurities	Rosuvastatin EP Impurity K	VL127017	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Rosuvastatin Impurities	Rosuvastatin Acetonide carboxylic acid	VE006456	N/A
Rosuvastatin Impurities	Rosuvastatin Z-Isomer (Calcium Salt)	VE006593	N/A
Rosuvastatin Impurities	Rosuvastatin 5-Hydroxy-3-keto	VL127033	1346606-28-7
Rosuvastatin Impurities	Rosuvastatin EP Impurity M (Free base)	VE006725	N/A
Roxithromycin Impurities	Roxithromycin EP Impurity F	VE006333	118267-18-8
Roxithromycin Impurities	Roxithromycin EP Impurity A	VE006285	N/A
Roxithromycin Impurities	Roxithromycin EP Impurity B	VE006286	214902-82-6
Roxithromycin Impurities	Roxithromycin EP Impurity D	VE006287	134931-00-3
Roxithromycin Impurities	Roxithromycin EP Impurity J	VE006331	134834-12-1
Roxithromycin Impurities	Roxithromycin EP Impurity E	VE006332	N/A
Roxithromycin Impurities	Roxithromycin EP impurity H	VE006334	425365-65-7
Roxithromycin Impurities	Roxithromycin EP Impurity I	VE006335	425365-66-8
Rufinamide Impurities	Rufinamide Impurity 1	VL3000003	80819-65-4
Rufinamide Impurities	Rufinamide Impurity 2	VL3000004	N/A
Rufinamide Impurities	Rufinamide Related Compound B	VL3000002	217448-86-7
Rufinamide Impurities	Rufinamide Impurity 6	VL3000001	N/A
Rufinamide Impurities	Rufinamide Acid Impurity	VL3000005	166196-11-8
Rupatadine Impurities	Rupatadine Dimer Impurity	VL4180001	N/A
Rupatadine Impurities	Rupatadine Inhouse Impurity B	VE006724	156523-04-5
Sacubitril Impurities	Sacubitril Pyrrolidinone Impurity	VL3730005	2101222-51-7
Sacubitril Impurities	Sacubitril SBT Diastereomer Impurity	VL3730001	N/A
Sacubitril Impurities	Sacubitril Isopropyl Ester Impurity	VL3730003	N/A
Sacubitril Impurities	Sacubitril Acid Impurity	VL3730004	N/A
Sacubitril Impurities	Sacubitril Desethyl Impurity	VE005973	149709-44-4
Sacubitril Impurities	Sacubitril Methyl ester	VE005972	N/A
Sacubitril Impurities	Sacubitril (2R,4R)-Isomer	VE005968	766480-48-2
Sacubitril Impurities	Sacubitril (2S,4S)-Isomer	VE005967	149709-63-7
Salbutamol Impurities	Salbutamol EP Impurity C	VL1880001	18910-68-4
Salbutamol Impurities	Salbutamol EP Impurity J	VL1880002	156547-62-5 (Base); 41489-89-8 (HCl Salt)
Salbutamol Impurities	Salbutamol EP Impurity B	VL1880003	96948-64-0
Salbutamol Impurities	Salbutamol EP Impurity E	VL1880004	24085-03-8
Salbutamol Impurities	Salbutamol EP Impurity I	VL1880005	56796-66-8
Salbutamol Impurities	Salbutamol EP Impurity A	VL1880006	870076-72-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Salbutamol Impurities	Salbutamol EP Impurity M	VL1880007	18910-70-8
Salbutamol Impurities	Salbutamol EP Impurity D	VL1880008	156339-88-7
Salbutamol Impurities	Salbutamol Ethanol Impurity	VL1880009	N/A
Salbutamol Impurities	Salbutamol EP Impurity G	VL1880016	64092-10-0
Salfasalazine Impurities	Salfasalazine EP Impurity D	VE006197	66364-70-3
Salmeterol Impurities	Salmeterol EP Impurity G	VL134002	1391051-88-9
Salmeterol Impurities	Salmeterol USP Related Compound H	VL134003	1330076-52-2
Salmeterol Impurities	Salmeterol EP Impurity A	VL134004	1798014-51-3
Salmeterol Impurities	Salmeterol EP impurity B	VL134005	94749-02-7
Salmeterol Impurities	Salmeterol EP Impurity C	VL134006	94749-11-8
Salmeterol Impurities	Salmeterol EP Impurity E	VL134008	108928-81-0
Salmeterol Impurities	Salmeterol EP Impurity F	VL134001	1391054-40-2
Salmeterol Impurities	Salmeterol EP Impurity D	VL134007	1391052-04-2
Selexipag Impurities	Selexipag O Impurity	VL4020004	162928-03-2
Selexipag Impurities	Selexipag Impurity B	VL4020005	18591-57-6
Selexipag Impurities	Selexipag Impurity C	VL4020006	41270-66-0
Selexipag Impurities	Selexipag DPA des-isopropyl impurity	VL4020001	N/A
Selexipag Impurities	Selexipag DPB desisopropyl impurity	VL4020002	N/A
Sertaconazole Impurities	Sertaconazole EP Impurity C	VE006089	142181-53-1
Sertaconazole Impurities	Sertaconazole EP Impurity B	VE006088	17512-61-7
Sertraline Impurities	Sertraline EP Impurity B	VL196001	52758-05-1
Sertraline Impurities	Sertraline EP Impurity F	VL196002	155748-61-1
Sertraline Impurities	Sertraline EP Impurity G	VL196003	79617-89-3
Sertraline Impurities	Sertraline EP Impurity A	VL196009	79617-99-5
Sertraline Impurities	Sertraline 2,3 Dichloro Isomer	VL196016	1198084-29-5
Sertraline Impurities	Sertraline EP Impurity E	VL196013	611-71-2
Sertraline Impurities	Sertraline Related Compound-1	VL196004	N/A
Sertraline Impurities	3,4-Deschloro Sertraline	VL196006	79646-00-7
Sertraline Impurities	Sertraline EP Impurity D	VE006438	871838-58-3
Sertraline Impurities	Sertraline EP Impurity C	VL196008	79559-98-1
Sertraline Impurities	Sertraline Mandelic Acid	VL196011	N/A
Sertraline Impurities	Sertraline for system suitability	VL196015	79559-97-0
Sertraline Impurities	Sertraline STHRC-3	VL196017	79560-20-6
Sertraline Impurities	Sertraline N-Oxide	VE006284	209473-00-7
Sertraline Impurities	Sertraline EP Impurity D (HCl salt)	VL196007	N/A
Sertraline Impurities	Sertraline 2,3-Dichloro Imine Impurity	VE006642	340830-05-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Sertraline Impurities	Sertraline EP Impurity A (Free base)	VE006651	79836-45-6
Sertraline Impurities	Sertraline EP Impurity C (free base)	VE006652	107538-91-0
Sertraline Impurities	(1S,4S)-2,3-Dichloro Sertraline Hydrochloride	VE006653	N/A
Sildenafil Impurities	Sildenafil EP Impurity A	VL136003	1391053-95-4
Sildenafil Impurities	Sildenafil EP Impurity D	VL136004	1357931-55-5
Sildenafil Impurities	Sildenafil Dimer Impurity	VL136001	1346602-67-2
Sildenafil Impurities	Sildenafil Related Compound 01	VL136011	139756-03-9
Sildenafil Impurities	Sildenafil Lactam Impurity	VL136007	139756-21-1
Sildenafil Impurities	Sildenafil N-Desmethyl	VL136017	139755-82-1
Sildenafil Impurities	Sildenafil EP Impurity C	VL136002	139755-91-2
Sildenafil Impurities	Sildenafil EP Impurity B	VL136006	1094598-75-0
Sildenafil Impurities	Sildenafil Related Impurity 3	VL136008	N/A
Sildenafil Impurities	Sildenafil Related Impurity 6	VL136010	N/A
Sildenafil Impurities	Sildenafil Imidazole Impurity	VL136012	N/A
Sildenafil Impurities	Sildenafil Impurity F	VL136014	N/A
Sildenafil Impurities	N-Desmethyl Sildenafil	VL136019	N/A
Sildenafil Impurities	Sildenafil Sulfonyl Methyl Ester	VL136022	N/A
Sildenafil Impurities	Sildenafil N-Ethyl Impurity	VL136023	642928-07-2
Sildenafil Impurities	Sildenafil Chlorosulfonyl Impurity	VL136026	139756-22-2
Sildenafil Impurities	Sildenafil Inhouse Impurity	VL136029	619-86-3
Sildenafil Impurities	2-ethoxybenzamide (Sildenafil Inhouse Impurity)	VL136030	938-73-8
Sildenafil Impurities	3-ethoxybenzoic acid	VL136031	621-51-2
Sildenafil Impurities	Sildenafil Carboxylic Acid	VL136032	147676-78-6
Sildenafil Impurities	Sildenafil Amine Impurity	VL136033	139756-02-8
Sildenafil Impurities	Sildenafil Carboxamide Impurity	VL136034	N/A
Silodosin Impurities	Silodosin Carboxylic Acid Impurity	VL1670008	1357252-79-9
Silodosin Impurities	Silodosin S Isomer	VL1670003	2182279-45-2
Silodosin Impurities	Silodosin Dehydro Impurity	VL1670002	175870-21-0
Silodosin Impurities	Silodosin Nitrile	VL1670001	N/A
Silodosin Impurities	Silodosin Dimer	VL1670004	1453221-45-8
Silodosin Impurities	Racemic Stage I of Silodosin	VL1670005	1808278-26-3
Silodosin Impurities	Silodosin depropanol Impurity (HCl salt)	VL1670007	N/A
Silodosin Impurities	Silodosin racemic standard	VL1670010	N/A
Silodosin Impurities	Silodosin N-Oxide	VL1670006	2361272-05-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Silodosin Impurities	Silodosin depropanol Impurity (free base)	VE006555	2052161-47-2
Simvastatin Impurities	Simvastatin EP Impurity A	VL133002	101314-97-0
Simvastatin Impurities	Simvastatin EP Impurity B	VL133005	145576-25-6
Simvastatin Impurities	Simvastatin EP Impurity C	VL133003	210980-68-0
Simvastatin Impurities	Simvastatin EP Impurity D	VL133004	476305-24-5
Simvastatin Impurities	Simvastatin EP Impurity G	VL133007	1449248-72-9
Simvastatin Impurities	Simvastatin EP Impurity E	VL133009	75330-75-5
Simvastatin Impurities	Simvastatin EP Impurity F	VL133001	79952-44-6
Simvastatin Impurities	Simvastatin Acid Methyl Ester	VL133006	145576-26-7
Simvastatin Impurities	Simvastatin Impurity E & F Mixture	VL133008	N/A
Simvastatin Impurities	Tenivastatin Methyl Ester Impurity	VL133010	N/A
Simvastatin Impurities	Tenivastatin Calcium	VL133011	151006-18-7
Simvastatin Impurities	Simvastatin EP Impurity K	VL133013	N/A
Simvastatin Impurities	Simvastatin Acid Ammonium Salt Impurity	VE006243	139893-43-9
Simvastatin Impurities	Simvastatin EP Impurity H	VE006727	79952-42-4
Simvastatin Impurities	Simvastatin EP Impurity J	VE006830	864357-88-0
Sitagliptin Impurities	Sitagliptin 2 4 Difluorophenylaetic acid	VL201004	81228-09-3
Sitagliptin Impurities	Sitagliptin 2 5 difluoro phenyl acetic acid	VL201003	85068-27-5
Sitagliptin Impurities	Sitagliptin 3 4 difluorophenyl acetic acid	VL201002	658-93-5
Sitagliptin Impurities	Sitagliptin EP Impurity C	VL201005	1345822-86-7
Sitagliptin Impurities	Sitagliptin EP Impurity B	VL201006	1345822-87-8
Sitagliptin Impurities	Sitagliptin Triazecine Analog	VL201018	2088771-61-1
Sitagliptin Impurities	Sitagliptin Fumarate Adduct	VL201021	2088771-60-0
Sitagliptin Impurities	Sitagliptin Acid Impurity	VL201013	1204818-19-8
Sitagliptin Impurities	Sitagliptin Phenyl Crotonyl Analog	VL201025	1253056-18-6
Sitagliptin Impurities	Sitagliptin Styrylacetyl Analog	VL201024	1803026-58-5
Sitagliptin Impurities	Sitagliptin EP Impurity A	VE006598	823817-55-6
Sitagliptin Impurities	Sitagliptin Impurity 1	VL201008	N/A
Sitagliptin Impurities	Sitagliptin Impurity 4	VL201011	486460-23-5
Sitagliptin Impurities	Sitagliptin Triazole Impurity	VL201012	N/A
Sitagliptin Impurities	Sitagliptin Enamine Impurity	VL201014	N/A
Sitagliptin Impurities	Sitagliptin Dioxo Impurity	VL201016	N/A
Sitagliptin Impurities	Sitagliptin Impurity D	VL201017	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Sitagliptin Impurities	Sitagliptin Impurity F (In House)	VL201022	N/A
Sitagliptin Impurities	3-Hydroxy-3,4-Dicaboxy-Butanamide-N-Hexanoic Acid	VL201023	N/A
Sitagliptin Impurities	Sitagliptin 2-Chloro Hydrazide Impurity	VL201026	N/A
Sitagliptin Impurities	Sitagliptin Dimer Impurity	VL201028	2072867-07-1
Sitagliptin Impurities	Sitagliptin FP Impurity A	VL201029	N/A
Sitagliptin Impurities	(S)-Sitagliptin N-Boc-Acid Impurity	VL201030	922178-94-7
Sitagliptin Impurities	Sitagliptin EP Impurity C (phosphate salt)	VL201031	N/A
Sitagliptin Impurities	Sitagliptin EP Impurity B (phosphate salt)	VL201032	N/A
Sitagliptin Impurities	(R)-Sitagliptin Methyl-Ester Impurity	VL201034	881995-69-3
Sitagliptin Impurities	Sitagliptin BOC Butanoic acid	VL201036	N/A
Sitagliptin Impurities	Sitagliptin Tartrate Hemihydrate	VL201020	N/A
Sitagliptin Impurities	Sitagliptin 2,3,6-Trifluorophenylacetic acid	VE006178	114152-23-7
Sitagliptin Impurities	Sitagliptin 1,2,4-Trifluorobenzene	VE006177	367-23-7
Sitagliptin Impurities	Sitagliptin N-Formyl impurity	VE006565	N/A
Solifenacin Impurities	Solifenacin EP Impurity A	VL131001	118864-75-8
Solifenacin Impurities	Solifenacin EP Impurity G	VL131005	740780-79-4
Solifenacin Impurities	Solifenacin EP Impurity C	VL131007	1534326-81-2
Solifenacin Impurities	Solifenacin EP Impurity I	VL131002	180272-28-0
Solifenacin Impurities	Solifenacin Impurity F	VL131004	180468-40-0
Solifenacin Impurities	Solifenacin EP Impurity H (HCl salt)	VL131006	180468-38-6
Solifenacin Impurities	Solifenacin EP Impurity D	VL131008	2216750-52-4
Solifenacin Impurities	Solifenacin Isomer Mixture	VL131009	N/A
Solifenacin Impurities	Solifenacin EP Impurity E (HCl salt)	VL131010	42437-96-7
Solifenacin Impurities	Solifenacin Nitrophenyl Ester Impurity	VL131011	1229227-22-8
Solifenacin Impurities	Solifenacin Related Compound 19	VL131014	N/A
Solifenacin Impurities	Phenyl (S)-1-Phenyl-3,4-Dihydroisoquinoline-2(1H)-Carboxylate	VL131016	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Solifenacin Impurities	Phenethylbenzamide of Solifenacin	VL131022	3278-14-6
Solifenacin Impurities	Solifenacin EP Impurity E (free base)	VL131023	25333-42-0
Solifenacin Impurities	Solifenacin EP Impurity B	VL131024	N/A
Solifenacin Impurities	Phenyltetrahydroisoquinolin	VL131025	N/A
Solifenacin Impurities	Solifenacin Hydroxyquinuclidine Impurity	VL131027	1619-34-7
Solifenacin Impurities	Solifenacin EP Impurity G (succinate salt)	VE006833	862207-70-3
Sorafenib Impurities	Sorafenib Impurity 2	VL2020002	18585-06-3
Sorafenib Impurities	Sorafenib Related compound 13	VL2020003	845306-04-9
Sorafenib Impurities	Sorafenib Impurity I	VL2020005	370-50-3
Sorafenib Impurities	Sorafenib Tosylate N-Oxide	VL2020001	583840-03-3
Sorafenib Impurities	Sorafenib Inhouse Impurity C	VL2020004	N/A
Sorafenib Impurities	Sorafenib Related Compound 7	VL2020006	2206827-12-3
Sorafenib Impurities	Sorafenib Related Compound H	VE005994	1431697-81-2
Sorbitol Impurities	Sorbitol ester of mycophenolic acid	VL3360001	N/A
Sotalol Impurities	Sotalol related compound B	VL4450001	83922-54-7
Sotalol Impurities	Sotalol Related Compound C	VL4450002	16974-42-8
Spironolactone Impurities	Spironolactone EP Impurity F	VE006554	976-71-6
Streptomycin Impurities	Streptomycin Sulfate	VL4270001	57-92-1
Sulfadiazine Impurities	Sulfadiazine EP Impurity C	VL1740003	57-67-0
Sulfadiazine Impurities	Sulfadiazine EP Impurity B	VL1740001	N/A
Sulfadiazine Impurities	Sulfadiazine EP Impurity E	VL1740002	127-74-2
Sulfadiazine Impurities	Sulfadiazine EP Impurity A	VL1740004	109-12-6
Sulfadiazine Impurities	Sulfadiazine	VL1740005	68-35-9
Sulfamethoxazole Impurities	Sulfamethoxazole EP Impurity A	VL1990005	21312-10-7
Sulfamethoxazole Impurities	Sulfamethoxazole EP Impurity C	VL1990003	1072-67-9
Sulfamethoxazole Impurities	Sulfamethoxazole EP Impurity E	VL1990002	63-74-1
Sulfamethoxazole Impurities	Sulfamethoxazole EP Impurity D	VL1990001	121-57-3
Sulfamethoxazole Impurities	Sulfamethoxazole EP Impurity B	VL1990006	135529-16-7
Sulfamethoxazole Impurities	Sulfamethoxazole EP Impurity F	VL1990004	17103-52-5
Sulfasalazine Impurities	Sulfasalazine EP Impurity F	VL1810001	66364-71-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Sulfasalazine Impurities	Sulfasalazine EP Impurity I	VE006209	21542-82-5
Sulpiride Impurities	Sulpiride EP Impurity D	VL139001	22117-85-7
Sulpiride Impurities	Sulpiride EP impurity B	VL139002	33045-52-2
Sulpiride Impurities	Sulpiride EP Impurity A	VL139003	26116-12-1
Sulpiride Impurities	Sulpiride EP Impurity C	VE006657	33045-53-3
Sumatriptan Impurities	Sumatriptan EP Impurity B	VL950001	88919-51-1
Sumatriptan Impurities	Sumatriptan EP Impurity G	VL950002	2074614-56-3
Sumatriptan Impurities	Sumatriptan EP Impurity F	VL950003	2074615-63-5
Sumatriptan Impurities	Sumatriptan EP Impurity C	VL950005	1797905-62-4
Sumatriptan Impurities	Sumatriptan EP Impurity E	VL950004	88919-22-6
Sumatriptan Impurities	Sumatriptan EP Impurity D	VL950006	212069-94-8
Sumatriptan Impurities	Sumatriptan EP Impurity A	VL950007	545338-89-4
Sumatriptan Impurities	Sumatriptan EP Impurity H	VL950008	1391052-59-7
Sumatriptan Impurities	Sumatriptan 4-Amino-N-methyl-alpha-toluenesulphonamide	VL950009	109903-35-7
Sumatriptan Impurities	Sumatriptan 3-Hydroxy-2-Oxo Impurity	VE006261	2250254-19-2
Sumatriptan Impurities	Sumatriptan 5-Hydroxymethyl Impurity	VE006600	334981-08-7
Sunitinib Impurities	Sunitinib N-Oxide impurity	VL4380001	356068-99-0
Tacrolimus Impurities	Tacrolimus Related Compound A	VL3770001	135635-46-0
Tacrolimus Impurities	Tacrolimus Open Ring Impurity	VL3770002	1393890-33-9
Tacrolimus Impurities	Tacrolimus 8-Epimer	VE006441	129212-35-7
Tacrolimus Impurities	Tacrolimus 8-Propyl Analog	VE006442	104987-30-6
Tacrolimus Impurities	Tacrolimus 21-Carboxylic acid Impurity	VE006641	N/A
Tacrolimus Impurities	Tacrolimus 19-epimer	VE006878	144490-63-1
Tadalafil Impurities	Tadalafil EP Impurity A	VL300003	171596-27-3
Tadalafil Impurities	Tadalafil EP Impurity B	VL300008	629652-72-8
Tadalafil Impurities	Tadalafil EP Impurity C	VL300002	171596-28-4
Tadalafil Impurities	Tadalafil In House Impurity A	VL300007	120-57-0
Tadalafil Impurities	Tadalafil N-Methyl	VL300004	477970-21-1
Tadalafil Impurities	Tadalafil N-Oxide	VL300005	N/A
Tadalafil Impurities	Tadalafil Impurity II	VL300006	N/A
Tadalafil Impurities	Tadalafil Chloroacetyl Impurity	VL300009	N/A
Tamsulosin Impurities	Tamsulosin EP Impurity E	VL269002	105764-07-6
Tamsulosin Impurities	Tamsulosin EP Impurity F	VL269003	6781-17-5
Tamsulosin Impurities	Tamsulosin EPE Mesylate	VL269009	169506-15-4
Tamsulosin Impurities	Tamsulosin EP Impurity B (HCl salt)	VL269001	112101-75-4
Tamsulosin Impurities	Tamsulosin EP Impurity C	VL269004	2244986-82-9



VEEPRHO IMPURITY REFERENCE STANDARDS

Tamsulosin Impurities	Tamsulosin EP Impurity D	VL269005	80223-96-7
Tamsulosin Impurities	Tamsulosin (R) Sulfonamide Amine	VL269006	N/A
Tamsulosin Impurities	Tamsulosin Sulfonic Acid	VL269007	890708-67-5
Tamsulosin Impurities	Catechol Tamsulosin	VL269008	N/A
Tamsulosin Impurities	Tamsulosin EP Impurity H (HCl salt)	VL269010	1329611-47-3
Tamsulosin Impurities	Tamsulosin EP Impurity A	VL269011	918867-88-6
Tamsulosin Impurities	Tamsulosin Dimer	VL269013	N/A
Tamsulosin Impurities	Tamsulosin Hydrochloride Racemate	VE006303	80223-99-0
Tavorole Impurities	Tavorole Impurity D	VL3580001	174671-88-6
Telmisartan Impurities	Telmisartan EP Impurity E	VL142006	884330-12-5
Telmisartan Impurities	Telmisartan EP Impurity B	VL142003	1026353-20-7
Telmisartan Impurities	Telmisartan EP Impurity C	VL142004	144702-26-1
Telmisartan Impurities	Telmisartan EP Impurity A	VL142005	152628-02-9
Telmisartan Impurities	Telmisartan EP Impurity H	VL142007	114772-40-6
Telmisartan Impurities	Telmisartan EP Impurity F	VL142001	915124-86-6
Telmisartan Impurities	Telmisartan EP Impurity G	VL142016	144702-27-2
Telmisartan Impurities	Telmisartan Bromo Amide Impurity	VL142017	147404-72-6
Telmisartan Impurities	Telmisartan dimer impurity	VL142009	884330-14-7
Telmisartan Impurities	Telmisartan Methyl Ester Impurity	VL142010	528560-93-2
Telmisartan Impurities	Telmisartan Chloro Impurity	VL142011	885045-90-9
Telmisartan Impurities	Telmisartan Impurity	VL142015	144701-48-4
Telmisartan Impurities	Telmisartan Impurity 5	VE006347	884330-10-3
Telmisartan Impurities	Telmisartan-Dibromo Impurity	VE006348	1352492-08-0
Temazepam Impurities	Temazepam Related Compound A	VL1930001	1022-13-5
Temozolomide Impurities	Temozolomide EP Impurity B	VE006627	113942-30-6
Teneligliptin Impurities	Teneligliptin Impurity A	VL3100001	401566-79-8
Teneligliptin Impurities	Teneligliptin Impurity B	VL3100003	401566-80-1
Tenofovir Impurities	Tenofovir NPOC POC PMPA	VL470008	1217542-13-6
Tenofovir Impurities	Tenofovir Mixed Dimer	VL470001	1093279-77-6
Tenofovir Impurities	Tenofovir IPC Impurity	VL470002	N/A
Tenofovir Impurities	Tenofovir IPR Impurity	VL470003	1246812-40-7
Tenofovir Impurities	Tenofovir ME Impurity	VL470004	N/A
Tenofovir Impurities	Tenofovir Disoproxil Carbamate Impurity H	VL470005	1244022-54-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Tenofovir Impurities	Tenofovir Disoproxil Fumarate USP Impurity G	VL470006	1422284-15-8
Tenofovir Impurities	Tenofovir (S)-Enantiomer	VL470009	147127-19-3
Tenofovir Impurities	Tenofovir Monoethyl Ester	VL470011	1796545-19-1
Tenofovir Impurities	Tenofovir Diethyl	VL470012	1217630-57-3
Tenofovir Impurities	Tenofovir Mono POC Dimer	VL470014	1962114-92-6
Tenofovir Impurities	Tenofovir Disoproxil Dimer Impurity	VL470015	1093279-76-5
Tenofovir Impurities	Tenofovir (MOC-POC-PMPA)	VL470019	1246812-43-0
Tenofovir Impurities	Tenofovir Disoproxil Fumarate IP Impurity A	VL470024	211364-69-1
Tenofovir Impurities	Tenofovir Adenine impurity	VL470025	73-24-5
Tenofovir Impurities	Tenofovir Fumaric Acid	VL470027	N/A
Tenofovir Impurities	Tenofovir Disoproxil Related Compound B	VL470033	4121-40-8
Tenofovir Impurities	Tenofovir Disoproxil Fumarate C1 & C2 Impurity	VL470034	365417-53-4
Tenofovir Impurities	Tenofovir 9-Allyl Impurity	VE006716	4121-39-5
Tenofovir Impurities	Tenofovir Isopropyl Impurity	VL470031	1346597-36-1
Tenofovir Impurities	Tenofovir Disoproxil Fumarate IP Impurity D	VL470022	N/A
Tenofovir Impurities	Tenofovir Disoproxil Fumarate IP Impurity M	VL470018	1422284-16-9
Tenofovir Impurities	Tenofovir Disoproxil Fumarate	VE006981	202138-50-9
Terazosin Impurities	Terazosin EP Impurity D	VL437001	102714-74-9
Terazosin Impurities	Terazosin EP Impurity C	VL437002	60547-97-9
Terazosin Impurities	Terazosin EP Impurity E	VL437003	102839-00-9
Terazosin Impurities	Terazosin EP Impurity L	VL4370005	40172-95-0
Terazosin Impurities	Terazosin Related Compound C	VL4370006	1486464-41-8
Terazosin Impurities	Terazosin EP Impurity O	VE006793	547730-06-3
Terbinafine Impurities	Terbinafine EP Impurity B	VL930002	78628-81-6
Terbinafine Impurities	Terbinafine EP Impurity E	VL930001	934365-23-8
Terbinafine Impurities	Terbinafine EP Impurity A	VL930004	14489-75-9
Terbinafine Impurities	Terbinafine EP Impurity C	VL930005	877265-30-0
Terbinafine Impurities	Terbinafine EP Impurity D (HCl salt)	VL930006	877265-33-3
Terbinafine Impurities	Terbinafine Process Impurity	VL930007	635708-74-6
Terbinafine Impurities	Terbinafine EP Impurity F	VL930008	926281-74-5
Terbinafine Impurities	Terbinafine EP Impurity D(free base)	VL930009	151222-50-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Terbinafine Impurities	Terbinafine EP Impurity C (free base)	VE006648	187540-01-8
Terbinafine Impurities	Terbinafine EP Impurity E (Free base)	VE006722	N/A
Terbutaline Impurities	Terbutaline EP Impurity A	VL840001	99-10-5
Terbutaline Impurities	Terbutaline EP Impurity B	VL840002	94120-05-5
Terbutaline Impurities	Terbutaline EP Impurity C	VL840003	139508-58-0
Terbutaline Impurities	Terbutaline Impurity D	VL840004	94109-61-2
Teriflunomide Impurities	Teriflunomide 4-(Difluoromethyl)Aniline	VL2970001	49658-26-6
Teriflunomide Impurities	Teriflunomide 4-(Fluoromethyl)Aniline	VL2970002	61865-29-0
Teriflunomide Impurities	Teriflunomide 1-Ethoxy-4-(Trifluoromethyl) Benzene	VL2970003	2366-92-9
Testosterone Impurities	6-Keto Testosterone Cypionate	VL3440001	570-94-5
Testosterone Impurities	Delta 9 11 Testosterone Cypionate	VL3440003	122651-11-0
Testosterone Impurities	Testosterone Acetate	VL3440004	1045-69-8
Testosterone Impurities	Testosterone EP Impurity G	VL3440012	897-06-3
Testosterone Impurities	Testosterone Propionate	VL3440005	57-85-2
Testosterone Impurities	1-Dehydrotestosterone	VL3440007	846-48-0
Testosterone Impurities	Testosterone Impurity	VL3440008	58-22-0
Testosterone Impurities	Testosterone Decanoate	VL3440009	5721-91-5
Testosterone Impurities	Testosterone EP Impurity F	VL3440010	521-18-6
Testosterone Impurities	Testosterone EP Impurity A	VL3440011	63-05-8
Testosterone Impurities	Testosterone EP impurity C	VL3440014	481-30-1
Testosterone Impurities	Testosterone EP impurity I	VL3440015	2484-30-2
Testosterone Impurities	Testosterone EP impurity J	VL3440016	57144-06-6
Testosterone Impurities	Testosterone EP impurity B	VL3440017	972-46-3
Testosterone Impurities	Testosterone EP impurity D	VL3440018	1156-92-9
Testosterone Impurities	Delta 8(9) Testosterone Cypionate	VL3440020	N/A
Testosterone Impurities	Testosterone 17(E)-3- cyclo pentyl acrylate	VL3440021	N/A
Tetrabenazine Impurities	Tetrabenazine N-Oxide impurity	VL4860001	N/A
Tetracaine Impurities	Tetracaine EP Impurity A	VL2240001	N/A
Tetracaine Impurities	Tetracaine EP Impurity B	VL2240002	4740-24-3
Tetracaine Impurities	Tetracaine EP Impurity C	VL2240003	71839-12-8
Tetracycline Impurities	Tetracycline Chloro HCl	VE006509	64-72-2
Tetracycline Impurities	2-Acetyl-2-decarbamoyletetracycline	VL4230005	7301-38-4



VEEPRHO IMPURITY REFERENCE STANDARDS

Tetracycline Impurities	4-Epitetracycline hydrochloride	VL4230007	23313-80-6
Tetracycline Impurities	Tetracycline Impurity A	VL4230001	N/A
Tetracycline Impurities	Tetracycline Anhydro HCl	VL4230002	13803-65-1
Tetrahydropterin Impurities	5,6,7,8-Tetrahydropterin Dihydrochloride	VL2960001	69056-38-8
Tetramethyl succinimide Impurities	2,2,3,3-Tetramethyl Succinimide	VL3850014	3566-61-8
Theophylline Impurities	Theophylline EP Impurity A	VL3710002	58-08-2
Theophylline Impurities	Theophylline EP Impurity B	VE006962	1076-22-8
Thiadiazole Impurities	Hydroxy Morpholino Thiadiazole	VL140001	N/A
Thiamine Impurities	Thiamine EP Impurity A	VL3280001	2380-61-2
Thiamine Impurities	4-Amino-5-aminomethyl-2-methylpyrimidine	VE006868	95-02-3
Thiouracil / Thiourea Impurities	2-Thiouracil	VL800001	141-90-2
Thiouracil / Thiourea Impurities	6-Methyl-2-thiouracil	VL800002	56-04-2
Thiouracil / Thiourea Impurities	Thiourea Impurity A	VL800003	62-56-6
Tiagabine Impurities	Tiagabine Impurity 1	VL141001	157925-28-5
Tiagabine Impurities	Tiagabine Impurity 2	VL141002	161014-55-7
Tiagabine Impurities	Tiagabine Impurity III	VL141004	30717-55-6
Tiagabine Impurities	Tiagabine N Oxide	VL141003	N/A
Tiagabine Impurities	Tiagabine Keto Impurity	VL141005	161014-56-8
Tibolone Impurities	Tibolone Impurity	VL146001	5630-53-5
Tibolone Impurities	Tibolone EP Impurity D	VL146002	32297-45-3
Ticagrelor Impurities	Ticagrelor Sulfoxide Impurity	VL3180011	1644461-85-7
Ticagrelor Impurities	Ticagrelor Triol Impurity	VL3180001	220347-05-7
Ticagrelor Impurities	Ticagrelor EP Impurity H	VL3180004	N/A
Ticagrelor Impurities	Ticagrelor IP Impurity D	VL3180005	N/A
Ticagrelor Impurities	Ticagrelor EP Impurity G	VL3180006	N/A
Ticagrelor Impurities	Ticagrelor Pyrimidine Dimer	VL3180013	N/A
Ticagrelor Impurities	Ticagrelor Triazole Isomer	VL3180014	N/A
Ticagrelor Impurities	Ticagrelor Related Compound -01	VL3180015	155899-66-4
Ticagrelor Impurities	Ticagrelor related compound B	VL3180019	1788033-05-5
Ticagrelor Impurities	Ticagrelor Related Compound 76	VL3180016	N/A
Ticagrelor Impurities	Ticagrelor DP3	VE006279	1251765-07-7
Ticagrelor Impurities	Ticagrelor Related Compound A	VE006280	220352-38-5
Ticagrelor Impurities	Ticagrelor Impurity 70	VE007039	1808068-84-9
Ticagrelor Impurities	Ticagrelor Impurity 15	VE007040	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Ticlopidine Impurities	Ticlopidine Related Compound A	VL1540001	N/A
Timolol Impurities	Timolol EP Impurity B	VL213001	59697-06-2
Timolol Impurities	Timolol EP Impurity A	VL213005	26839-76-9
Timolol Impurities	Timolol EP Impurity C	VL213010	610271-56-2
Timolol Impurities	Timolol EP Impurity D	VL213002	30165-97-0
Timolol Impurities	Timolol EP Impurity F	VL213006	30165-96-9
Timolol Impurities	Timolol EP Impurity G	VL213003	75202-36-7
Timolol Impurities	Timolol EP Impurity E	VL213004	1026075-53-5
Timolol Impurities	Timolol EP Impurity J	VL213008	N/A
Timolol Impurities	Timolol EP Impurity I	VL213009	N/A
Timolol Impurities	Timolol Dimorpholine Impurity	VL213011	N/A
Tinidazole Impurities	Tinidazole EP Impurity B	VL2650002	25459-12-5
Tinidazole Impurities	Tinidazole EP Impurity A	VL2650001	696-23-1
Tioconazole Impurities	Tioconazole EP Impurity A	VL236001	61709-33-9
Tioconazole Impurities	Tioconazole EP Impurity B	VL236002	61675-62-5
Tioconazole Impurities	Tioconazole EP Impurity C	VL236003	119386-76-4
Tiotropium Impurities	Tiotropium EP Impurity C	VE006922	136310-95-7
Tiotropium Impurities	Tiotropium EP Impurity D	VE006923	136310-66-2
Tiotropium Impurities	Tiotropium EP Impurity J	VE006925	N/A
Tirofiban Impurities	Tirofiban EP Impurity A	VL2720001	149490-60-8
Tirofiban Impurities	Tirofiban EP Impurity B	VL2720002	149463-65-0
Tizanidine Impurities	Tizanidine EP Impurity H	VL285002	107-15-3
Tizanidine Impurities	Tizanidine EP Impurity C	VL285001	1147548-83-1
Tizanidine Impurities	Tizanidine EP Impurity E	VL285007	30536-19-7
Tizanidine Impurities	Tizanidine EP Impurity A	VL285003	51322-69-1
Tizanidine Impurities	Tizanidine EP Impurity B	VL285004	51323-05-8
Tizanidine Impurities	Tizanidine EP Impurity D	VL285006	560120-68-5
Tizanidine Impurities	Tizanidine EP Impurity F	VL285008	1147548-85-3
Tizanidine Impurities	Tizanidine USP Related Compound B	VL285009	173532-15-5
Tizanidine Impurities	Tizanidine USP Related Compound C	VL285010	5391-52-6
Tobramycin Impurities	Tobramycin EP Impurity A	VL4060001	4696-76-8
Tofacitinib Impurities	Tofacitinib N-Descyanoacetyl Impurity	VE006714	477600-74-1
Tofacitinib Impurities	Tofacitinib Benzyl Impurity Tofacitinib Benzyl Impurity	VE006715	477600-73-0
Tolterodine Impurities	Tolterodine Enantiomer	VL460001	873551-03-2
Tolterodine Impurities	Didesisopropyl Tolterodine	VL460002	1189501-90-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Tolterodine Impurities	Tolterodine Lactone Impurity Racemate	VL460008	40546-94-9
Tolterodine Impurities	Tolterodine EP Impurity A	VL460015	124937-73-1
Tolterodine Impurities	Desisopropyl Tolterodine Tartrate	VL460003	N/A
Tolterodine Impurities	Tolterodine Mixture of Diastereomer	VL460005	209747-04-6
Tolterodine Impurities	Tolterodine Lactol	VL460007	N/A
Tolterodine Impurities	Tolterodine Dimer	VL460010	854306-72-2
Tolterodine Impurities	Tolterodine P- Cresol	VL460011	106-44-5
Tolterodine Impurities	Tolterodine Diol Impurity	VL460012	851789-43-0
Tolterodine Impurities	Tolterodine Trans Cinnamic Acid	VL460013	140-10-3
Tolterodine Impurities	Tolteridone Monoisopropyl methoxy racemate HCl analog	VL460014	1391053-65-8
Tolterodine Impurities	Tolterodine EP Impurity C	VE006234	124935-88-2
Tolterodine Impurities	Tolterodine EP Impurity G	VE006235	1554029-91-2
Tolterodine Impurities	Tolterodine EP Impurity E	VE006248	480432-14-2
Toluenesulfonate Impurities	Isopropyl p-toluenesulfonate	VL241001	2307-69-9
Topiramate Impurities	Topiramate Related Compound A	VL4300003	20880-92-6
Topotecan Impurities	Topotecan N-Oxide	VL271001	N/A
Torsemide Impurities	Torsemide Related Compound A	VL2920001	72811-73-5
Torsemide Impurities	Torsemide Related Compound E	VL2920002	72810-61-8
Torsemide Impurities	Torsemide EP Impurity C	VE005946	58155-35-4
Torsemide Impurities	Torsemide EP Impurity D	VE005947	160972-33-8
Torsemide Impurities	Torsemide EP Impurity E	VE005948	72810-57-2
Torsemide Impurities	Torsemide EP Impurity A (free base)	VE006633	N/A
Toxidofa Impurities	Toxidofa 3,4-dihydroxybenzaldehyde	VL3860001	N/A
Toxidofa Impurities	Toxidofa 2, 3-dihydrophthalazine-1, 4-dione (DXD-V Impurity)	VL3860002	1445-69-8
Tramadol Impurity	Tramadol EP Impurity D (free base)	VE006834	144830-15-9
Tramadol Impurity	Tramadol EP Impurity A (free base)	VE006835	152538-36-8
Tramadol Impurity	Tramadol EP Impurity A (HCl salt)	VL147009	73806-49-2
Tranexamic Impurities	Tranexamic EP Impurity A	VL1260001	93940-19-3
Tranexamic Impurities	Tranexamic EP Impurity B	VL1260002	1197-17-7



VEEPRHO IMPURITY REFERENCE STANDARDS

Tranexamic Impurities	Tranexamic EP Impurity C	VL1260003	330838-52-3
Tranexamic Impurities	Tranexamic EP Impurity D	VL1260004	56-91-7
Tranexamic Impurities	Tranexamic EP Impurity E	VE006391	82755-59-7
Tranexamic Impurities	Tranexamic EP Impurity F	VE006392	N/A
Tranlycypromine Impurities	Tranlycypromine Impurity C	VE007028	17364-52-2
Travoprost Impurities	Travoprost Related Compound A	VL279001	54276-17-4
Travoprost Impurities	5,6 Trans Travoprost	VL279002	1563176-59-9
Travoprost Impurities	15 Keto Travoprost	VE006495	404830-45-1
Trazodone Impurities	Trazodone BP Impurity A	VL620001	55290-68-1
Trazodone Impurities	Trazodone BP Impurity B	VL620002	62337-66-0
Trazodone Impurities	Trazodone BP Impurity C	VL620003	1263278-77-8
Trazodone Impurities	Trazodone BP Impurity D	VL620004	1263278-80-3
Trazodone Impurities	Trazodone BP Impurity E	VL620005	1346599-35-6
Trazodone Impurities	Trazodone BP Impurity F	VL620006	52605-52-4
Trazodone Impurities	Trazodone BP Impurity H	VL620008	6323-09-7
Trazodone Impurities	3-chlorophenyl piperazine HCl salt	VL620015	6640-24-0
Trazodone Impurities	Trazodone 3-[4-(3-chlorophenyl)-1-piperazinyl]propano	VL620018	32229-98-4
Trazodone Impurities	Trazodone Diaryl Impurity	VL620021	79975-63-6
Trazodone Impurities	Trazodone BP Impurity G	VL620007	N/A
Trazodone Impurities	Hydroxypropyl Chlorophenylpiperazine	VL620010	N/A
Trazodone Impurities	3,4-Dichlorotrazodone	VL620014	N/A
Trazodone Impurities	Trazodone Dimer	VL620016	N/A
Trazodone Impurities	Trazodone 1-(3-chlorophenyl)piperazine	VL620017	N/A
Trazodone Impurities	Bispiperazine Trazodone	VL620020	N/A
Trazodone Impurities	Trazodone Inhouse Impurity E	VL620025	N/A
Trazodone Impurities	Trazodone 1,4-Di-N-Oxide	VE006204	1346603-99-3
Trazodone Impurities	Trazodone Chlorophenylpiperazine	VE006584	65369-76-8
Tretinoin Impurity	Tretinoin EP Impurity A	VE006917	4759-48-2
Triamcinolone Impurities	Triamcinolone Acetonide Impurity D	VL3540003	10392-74-2
Triamcinolone Impurities	Triamcinolone EP Impurity B	VL3540005	3859-65-2
Triamcinolone Impurities	Triamcinolone EP Impurity C	VL3540006	337-02-0
Triamcinolone Impurities	Triamcinolone Acetonide 21-methoxy	VL3540007	161740-70-1



VEEPRHO IMPURITY REFERENCE STANDARDS

Triammonium Bromide Impurities	Cetyl trimethyl ammonium Bromide	VL4170001	57-09-0
Triamterene Impurities	Triamterene Related Compound A	VL3600001	1006-23-1
Triamterene Impurities	Triamterene Related Compound B	VL3600002	19375-89-4
Triamterene Impurities	Triamterene EP Impurity D	VE005878	140-29-4
Trifluridine Impurities	Trifluridine Related Compound A	VL3220001	14599-46-3
Trimebutine Impurities	Trimebutine EP Impurity A	VL3270001	39068-94-5
Trimebutine Impurities	Trimebutine EP Impurity D	VL3270004	92414-09-0
Trimebutine Impurities	Trimebutine EP Impurity E	VL3270005	294882-33-0
Trimetazidine Impurities	Trimetazidine EP Impurity C	VL2190010	2103-57-3
Trimetazidine Impurities	Trimetazidine EP impurity D	VL2190017	71989-96-3
Trimetazidine Impurities	Trimetazidine EP impurity H	VL2190006	53531-01-4
Trimetazidine Impurities	Trimetazidine EP impurity J	VL2190011	879646-17-0
Trimetazidine Impurities	Trimetazidine EP impurity I	VL2190014	53960-20-6
Trimetazidine Impurities	Trimetazidine EP Impurity E	VL2190001	N/A
Trimetazidine Impurities	Trimetazidine EP Impurity B	VL2190002	1257-19-8
Trimetazidine Impurities	Trimetazidine EP Impurity F	VL2190005	113698-83-2
Trimetazidine Impurities	Trimetazidine EP Impurity G	VL2190008	142-64-3
Trimetazidine Impurities	Trimetazidine EP Impurity A	VL2190009	52146-35-7
Trimetazidine Impurities	Trimetazidine N formyl Impurity	VL2190013	92700-82-8
Trimetazidine Impurities	Trimetazidine EP Impurity E (free base)	VE006616	356083-64-2
Trimetazidine Impurities	Trimetazidine EP Impurity F (free base)	VE006617	N/A
Trimetazidine Impurities	Trimetazidine EP Impurity I (free base)	VE006618	93152-26-2
Trimethoprim Impurities	Trimethoprim EP Impurity G	VL1640010	78025-68-0
Trimethoprim Impurities	Trimethoprim EP Impurity F	VL1640009	16285-82-8
Trimethoprim Impurities	Trimethoprim EP Impurity C	VL1640006	29606-06-2
Trimethoprim Impurities	Trimethoprim EP Impurity B	VL1640004	30806-86-1
Trimethoprim Impurities	Trimethoprim EP Impurity A	VL1640005	213745-86-9
Trimethoprim Impurities	Trimethoprim EP Impurity I	VL1640011	30078-48-9
Trimethoprim Impurities	Trimethoprim EP Impurity H	VL1640001	1916-07-0
Trimethoprim Impurities	Trimethoprim EP Impurity J	VL1640002	118-41-2
Trimethoprim Impurities	Trimethoprim EP Impurity D	VL1640007	92440-76-1
Trimethoprim Impurities	Trimethoprim EP Impurity E	VL1640008	N/A
Triphenylphosphine Impurities	Triphenylphosphine Oxide (OSPCC)	VL4660001	N/A
Triprolidine Impurities	Triprolidine N-Oxide	VL238001	1310575-86-0



VEEPRHO IMPURITY REFERENCE STANDARDS

Tropicamide Impurities	Tropicamide EP Impurity D	VE005932	103-82-2
Trospium Chloride Impurities	Trospium Chloride Impurity D	VL242001	467-32-3
Trospium Chloride Impurities	Trospium Chloride Related Compound A	VL242002	76-93-7
Trospium Chloride Impurities	Trospium Chloride Related Compound B	VL242003	63516-30-3
Ursodeoxycholic Impurities	Ursodeoxycholic Acid EP Impurity F	VL2450005	4651-67-6
Ursodeoxycholic Impurities	Ursodeoxycholic Acid EP Impurity G	VL2450002	10538-55-3
Ursodeoxycholic Impurities	Ursodeoxycholic Acid EP Impurity D	VL4480001	2955-27-3
Ursodeoxycholic Impurities	Ursodeoxycholic Acid EP Impurity I	VL2450001	130593-75-8
Ursodeoxycholic Impurities	Ursodeoxycholic Acid EP Impurity A	VL2450006	474-25-9
Ursodeoxycholic Impurities	Ursodeoxycholic Acid EP Impurity E	VL2750001	83-44-3
Valaciclovir Impurities	Valaciclovir EP Impurity G	VL149005	1122-58-3
Valaciclovir Impurities	Valaciclovir EP Impurity F	VL149004	86150-61-0
Valaciclovir Impurities	D-Valaciclovir hydrochloride	VL149007	N/A
Valaciclovir Impurities	N-Formyl Valaciclovir	VL149006	N/A
Valaciclovir Impurities	Valaciclovir EP Impurity C	VL149001	1346617-39-7
Valaciclovir Impurities	Valaciclovir EP Impurity H	VL149010	84499-64-9 (base); 84499-63-8 (HCl salt)
Valaciclovir Impurities	Valaciclovir EP Impurity I	VL149012	N/A
Valaciclovir Impurities	Valaciclovir EP Impurity J	VL149011	142963-63-1
Valaciclovir Impurities	Valaciclovir EP Impurity D(free base)	VL149002	1346747-69-0
Valaciclovir Impurities	Valaciclovir EP Impurity E	VL149003	124832-31-1
Valaciclovir Impurities	Valaciclovir EP Impurity B	VL149009	59277-89-3
Valeric Acid Impurities	2-Butyl Valeric Acid	VL3800001	3274-28-0
Valganciclovir Impurities	Valganciclovir Related Compound A	VL1820006	82410-32-0
Valganciclovir Impurities	Valganciclovir USP Related Compound B	VL1820007	N/A
Valganciclovir Impurities	Valganciclovir Related Compound E	VL1820001	88110-89-8
Valganciclovir Impurities	Valganciclovir Related Compound F	VL1820002	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Valganciclovir Impurities	Valganciclovir Related Compound N	VL1820011	N/A
Valganciclovir Impurities	D-Valganciclovir	VL1820014	1393911-57-3
Valganciclovir Impurities	Valganciclovir Related Compound C	VL1820008	1202645-50-8
Valganciclovir Impurities	Valganciclovir Related compound G	VE006218	1356353-76-8
Valganciclovir Impurities	Valganciclovir EP Impurity J	VL1820010	194159-18-7
Valproic Acid Impurities	Valproic Acid EP Impurity C	VL151007	62391-99-5
Valproic Acid Impurities	Valproic Acid EP Impurity E	VL151006	626-97-1
Valproic Acid Impurities	Valproic Acid EP Impurity B	VL151005	20225-24-5
Valproic Acid Impurities	Valproic Acid EP Impurity A	VL4580001	109-52-4
Valproic Acid Impurities	Valproic Acid Related Compound B	VE006290	N/A
Valproic Acid Impurities	Valproic Acid EP Impurity J	VL4580002	5340-48-7
Valproic Acid Impurities	Valproic Acid EP Impurity K	VE006583	5343-52-2
Valproic Acid Impurities	Valproic Acid EP Impurity L	VE006829	97-61-0
Valsartan Impurities	Valsartan Methyl Ester	VL152004	137863-17-3
Valsartan Impurities	Valsartan Related Compound A	VL152001	137862-87-4
Valsartan Impurities	Valsartan Related Compound B	VL152002	952652-79-8
Valsartan Impurities	Valsartan Related Compound C	VL152003	137863-20-8
Valsartan Impurities	Valsartan Ethyl Ester	VL152006	1111177-30-0
Valsartan Impurities	L-Alanine Valsartan	VL152005	137862-57-8
Valsartan Impurities	Valsartan N-Formyl Impurity	VL152009	1418314-03-0
Valsartan Impurities	Devaleryl Valsartan	VL152008	676129-92-3
Valsartan Impurities	Valsartan Isopropyl Ester	VE006219	1245820-09-0
Valsartan Impurities	Valsartan Tetrazole Nitrosamine Impurity	VE006247	N/A
Valsartan Impurities	Valsartan Desvaleryl Methyl Ester	VE006306	1111177-24-2
Valsartan Impurities	Valsartan Desvaleryl Cyano Impurity	VE005907	N/A
Valsartan Impurities	Valsartan Cyano Desvaleryl Methyl Ester (HCl salt)	VE006623	482577-59-3
Valsartan Impurities	Valsartan Desvalyl Impurity	VE006836	914465-68-2
Vancomycin	Vancomycin EP Impurity A	VE006683	91700-98-0
Vancomycin Impurity	Vancomycin EP Impurity B	VE006684	N/A
Vancomycin Impurity	Vancomycin EP Impurity C	VE006685	82198-76-3
Vancomycin Impurity	Vancomycin EP Impurity D	VE006686	101485-50-1
Vardenafil Impurities	Vardenafil EP Impurity A	VL370001	2169247-39-4
Vardenafil Impurities	Vardenafil N-Oxide Impurity	VL370006	448184-48-3



VEEPRHO IMPURITY REFERENCE STANDARDS

Vardenafil Impurities	Vardenafil EP Impurity C	VL370003	1255919-03-9
Vardenafil Impurities	Vardenafil EP Impurity B	VL370002	437717-43-6
Vardenafil Impurities	Vardenafil Dessulfonyl Impurity	VE006156	224789-21-3
Vardenafil Impurities	Vardenafil O-Desethyl Impurity	VE005951	N/A
Vardenafil Impurities	Vardenafil Related Compound E	VE006875	448184-46-1
Varenicline Impurities	Varenicline N-Formyl Impurity	VE006249	796865-82-2
Varenicline Impurities	Varenicline N-methyl Impurity	VE006250	328055-92-1
Varenicline Impurities	Varenicline N-Trifluoroacetyl Impurity	VE006251	230615-70-0
Varenicline Impurities	Varenicline Impurity 3	VE006360	357424-12-5
Varenicline Impurities	Varenicline Dioxo Impurity	VE006361	357424-07-8
Varenicline Impurities	Varenicline ortho Dinitro Impurity	VE006483	230615-59-5
Varenicline Impurities	Varenicline Nitrosamine VRN-5000 Impurity	VE006503	N/A
Varenicline Impurities	Mono amino deprotected impurity	VE006794	N/A
Varenicline Impurities	Methyl Varenicline impurity	VE006795	1333145-89-3
Varenicline Impurities	Varenicline Impurity 15	VE006886	150358-71-7
Varenicline Impurities	Varenicline Tartarate Mono nitro Impurity	VE007006	230615-53-9
Varenicline Impurities	Varenicline Impurity 4	VE007009	950781-94-9
Vecuronium Impurities	Vecuronium EP Impurity B	VL4690001	50587-95-6
Venlafaxine Impurities	Venlafaxine EP Impurity F	VL286001	93413-79-7
Venlafaxine Impurities	O-Desmethyl Venlafaxine	VL286002	93413-62-8
Venlafaxine Impurities	Venlafaxine EP Impurity E	VL286007	93413-56-0
Venlafaxine Impurities	Venlafaxine EP Impurity B	VL286004	N/A
Venlafaxine Impurities	Venlafaxine EP Impurity G	VL286008	1076199-92-2
Venlafaxine Impurities	Venlafaxine EP Impurity H	VL286009	1329795-88-1
Venlafaxine Impurities	Venlafaxine EP Impurity C	VL286005	130198-05-9
Venlafaxine Impurities	Venlafaxine Cyano Impurity	VL286011	93413-76-4
Venlafaxine Impurities	Venlafaxine Related Compound A	VL286006	93413-90-2
Venlafaxine Impurities	Venlafaxine Impurity A HCl salt	VL286003	50822-98-5
Venlafaxine Impurities	Desvenlafaxine Succinate	VL286016	386750-22-7
Venlafaxine Impurities	Venlafaxine N-Oxide Impurity	VL286014	1094598-37-4
Venlafaxine Impurities	Venlafaxine EP Impurity F (free base)	VE006645	93413-57-1
Venlafaxine Impurities	Venlafaxine EP Impurity H (HCl salt)	VE006658	N/A



VEEPRHO IMPURITY REFERENCE STANDARDS

Venlafaxine Impurities	Venlafaxine EP Impurity G (free base)	VE007057	N/A
Verapamil Impurities	Verapamil EP Impurity M	VL2330001	141991-89-1 (Base), 190850-50-1 (HCl salt)
Verapamil Impurities	Verapamil EP Impurity A DiHCl	VL2330002	63434-11-7
Verapamil Impurities	Verapamil EP Impurity B	VL2330003	3490-06-0
Verapamil Impurities	Verapamil EP Impurity C HCl	VL2330004	51012-67-0
Verapamil Impurities	Verapamil EP Impurity D	VL2330005	36770-74-8
Verapamil Impurities	Verapamil EP Impurity E	VL2330006	93-03-8
Verapamil Impurities	Verapamil EP Impurity J HCl	VL2330007	67812-42-4 (HCl salt)
Verapamil Impurities	Verapamil EP Impurity K	VL2330008	20850-49-1
Verapamil Impurities	Verapamil EP Impurity G	VL2330009	120-14-9
Verapamil Impurities	Verapamil EP Impurity F	VL2330011	67775-97-7
Verapamil Impurities	Verapamil EP Impurity L	VL2330010	14046-55-0
Verapamil Impurities	Verapamil EP Impurity I	VE006869	1794-55-4
Vigabatrin Impurities	Vigabatrin EP Impurity D	VL1590001	56-12-2
Vigabatrin Impurities	Vigabatrin EP Impurity C	VL1590002	71107-19-2
Vigabatrin Impurities	Vigabatrin N-carboxymethyl Vinylpyrrolidinone	VL1590003	N/A
Vigabatrin Impurities	Vigabatrin EP Impurity F	VL1590005	794466-81-2
Vigabatrin Impurities	Vigabatrin EP Impurity A	VL1590004	7529-16-0
Vigabatrin Impurities	Vigabatrin EP Impurity B	VL1590007	N/A
Vilazodone Impurities	Vilazodone N-Oxide	VL254001	1622425-52-8
Vilazodone Impurities	Vilazodone Carboxylic Acid	VE000004	163521-19-5
Vildagliptin Impurities	Vildagliptin (2R)-Isomer	VL3490001	1036959-27-9
Vildagliptin Impurities	Vildagliptin Amide Impurity	VL3490003	565453-39-6
Vildagliptin Impurities	Vildagliptin Carboxylic Acid Impurity	VL3490004	565453-40-9
Vildagliptin Impurities	Vildagliptin Dimer Impurity	VE006556	1036959-23-5
Vildagliptin Impurities	Vildagliptin R-Isomer	VL3490002	N/A
Vildagliptin Impurities	Vildagliptin Amino Alcohol Impurity	VL3490006	702-82-9
Vildagliptin Impurities	Vildagliptin Impurity 4	VE006244	1032564-18-3
Vildagliptin Impurities	Vildagliptin Imine Impurity	VE006421	1789703-37-2
Vildagliptin Impurities	Vildagliptin N-Hydroxy	VE006474	N/A
Vildagliptin Impurities	Vildagliptin Dione Impurity	VE005963	1789703-36-1
Vildagliptin Impurities	Vildagliptin Hydroxy Impurity	VE006952	N/A
Vitamin Impurities	Vitamin K1 Hydroxide	VE006908	15576-40-6
Vitamin Impurities	Vitamin K1 Hydroperoxide	VE007047	15576-39-3
Vitamin Impurities	Dihydrovitamin K1 Diacetate	VE007046	604-87-5



VEEPRHO IMPURITY REFERENCE STANDARDS

Voriconazole Impurities	Voriconazole EP Impurity E	VL1070001	5872-08-02
Voriconazole Impurities	Voriconazole EP Impurity B	VL1070003	182369-73-9
Voriconazole Impurities	Voriconazole EP Impurity C	VL1070004	137234-88-9
Voriconazole Impurities	Voriconazole Related Compound B	VL1070006	137234-63-0
Voriconazole Impurities	Voriconazole Related Compound A	VL1070005	182230-43-9
Voriconazole Impurities	Voriconazole EP Impurity E (1R)-Isomer	VE006541	35963-20-3
Vortioxetine Impurities	Vortioxetine Sulfoxide	VL3530001	1429908-35-9
Vortioxetine Impurities	N-formyl Vortioxetine	VL3530002	2135576-73-5
Vortioxetine Impurities	N-acetyl Vortioxetine Impurity	VL3530003	1801352-86-2
Warfarin Impurities	Warfarin EP Impurity A	VL910001	15156-56-6
Warfarin Impurities	Warfarin EP Impurity C	VL910003	122-57-6
Warfarin Impurities	Benzylacetone	VL910004	N/A
Warfarin Impurities	Warfarin EP Impurity B	VL910005	N/A
Zidovudine Impurities	Zidovudine EP Impurity C	VL282002	65-71-4
Zidovudine Impurities	Zidovudine EP Impurity B	VL282001	25526-94-7
Zidovudine Impurities	Zidovudine EP Impurity D	VL282008	N/A
Zidovudine Impurities	Zidovudine EP Impurity K	VL282007	N/A
Zidovudine Impurities	Zidovudine EP Impurity G	VL282006	148665-49-0
Zidovudine Impurities	Zidovudine EP Impurity A	VL282005	3056-17-5
Zidovudine Impurities	Zidovudine EP Impurity J	VL282004	29706-84-1
Zileuton Impurities	Zileuton Related Compound B	VE006647	97978-07-9
Ziprasidone Impurities	Ziprasidone EP Impurity A	VL248001	87691-87-0
Ziprasidone Impurities	Ziprasidone EP Impurity B	VL248002	1159977-56-6
Ziprasidone Impurities	Ziprasidone N-Oxide	VL248005	188797-76-4
Ziprasidone Impurities	Ziprasidone S-Oxide	VL248006	188797-80-0
Ziprasidone Impurities	Ziprasidone T-Butoxy Impurity	VL4200001	131779-46-9
Ziprasidone Impurities	Ziprasidone EP Impurity P	VL248009	223586-82-1
Ziprasidone Impurities	Ziprasidone EP Impurity C	VL248008	1798033-44-9
Ziprasidone Impurities	Ziprasidone EP Impurity D	VL248007	1303996-68-0
Ziprasidone Impurities	Ziprasidone Sulfone Impurity	VE006252	188797-77-5
Ziprasidone Impurities	Ziprasidone 6-Chloro OxyIndole	VE006431	56341-37-8
Ziprasidone Impurities	Ziprasidone Related Compound F	VE006449	N/A
Ziprasidone Impurities	Ziprasidone Deschloro Impurity	VE006608	N/A
Ziprasidone Impurities	Ziprasidone Impurity 1	VE006625	118289-55-7
Ziprasidone Impurities	Ziprasidone EP Impurity A (HCl salt)	VE006678	87691-88-1
Zolmitriptan Impurities	Zolmitriptan Amine Impurity	VL350004	139264-15-6



VEEPRHO IMPURITY REFERENCE STANDARDS

Zolmitriptan Impurities	Zolmitriptan Related Compound A	VL350003	139264-35-0
Zolmitriptan Impurities	Zolmitriptan Related Compound G	VL350001	152305-23-2
Zolmitriptan Impurities	Zolmitriptan R-Isomer	VL350005	139264-24-7
Zolmitriptan Impurities	Zolmitriptan N-methyl	VL350010	N/A
Zolmitriptan Impurities	Zolmitriptan Related Compound F	VL350009	1350928-05-0
Zolmitriptan Impurities	Zolmitriptan Related Compound B	VL350007	139264-69-0
Zolmitriptan Impurities	Zolmitriptan Related Compound H	VL350006	1116-77-4
Zolmitriptan Impurities	Zolmitriptan Related Compound E	VL350002	251451-30-6
Zolmitriptan Impurities	Zolmitriptan Hydroxy Ketone Analog	VE006950	N/A
Zolpidem Impurities	Zolpidem Acid Impurity	VL2060002	189005-44-5
Zolpidem Impurities	Zolpidem Related Compound A	VL2060001	1346600-85-8
Zolpidem Impurities	Zolpidem Carbaldehyde Impurity	VE006192	400777-11-9
Zonisamide Impurities	Zonisamide N-Methyl Impurity	VL2030004	68292-02-4
Zonisamide Impurities	Zonisamide Related Compound A	VL2030002	73101-64-1
Zonisamide Impurities	Zonisamide Related Compound C	VL2030003	1217201-89-2



CONTACT US ON



EUROPE OFFICE :

Veeprho Pharmaceuticals s.r.o

Address: Prumyslová 1306/7, Praha 15-Hostivař, 102 00
Czech Republic EU

CIN: CZ02614774

Email: andrej@veeprho.com,

Contact Number: +420 773 033 992, +420773 033 980



UK OFFICE :

VEEPRHO LIFE SCIENCES UK LIMITED

Address: 7 Eynsford Terrace, Royal Lane, West Drayton,
Middlesex UB78QN

CIN: 12130219

Email: research1-uk@veeprho.com

Contact Number: +420 773 033 992+420 773 033 980



US OFFICE :

VEEPRHO RESEARCH Inc.

Address: 300 Main St. Ste 21 PMB 1257 Madison, NJ
07940

CIN: 04504042918

Email: research1-us@veeprho.com

Contact Number: +420-773 033 992+420 773 033 980



INDIA OFFICE :

VEEPRHO LABORATORIES Pvt. Ltd.

Address: F-504, Tower II, Seawoods Grand Central,
Seawoods(West), Navi Mumbai-400 706, Maharashtra, India

Plot No. 507, Talegaon Station Road, Opp. Bank of
Maharashtra, Talegaon Dist. Pune-410 507, Maharashtra, India

CIN: 026 14 774

Email: research@veeprho.com

Contact Number: +91-8975512417 | +91-7447764671