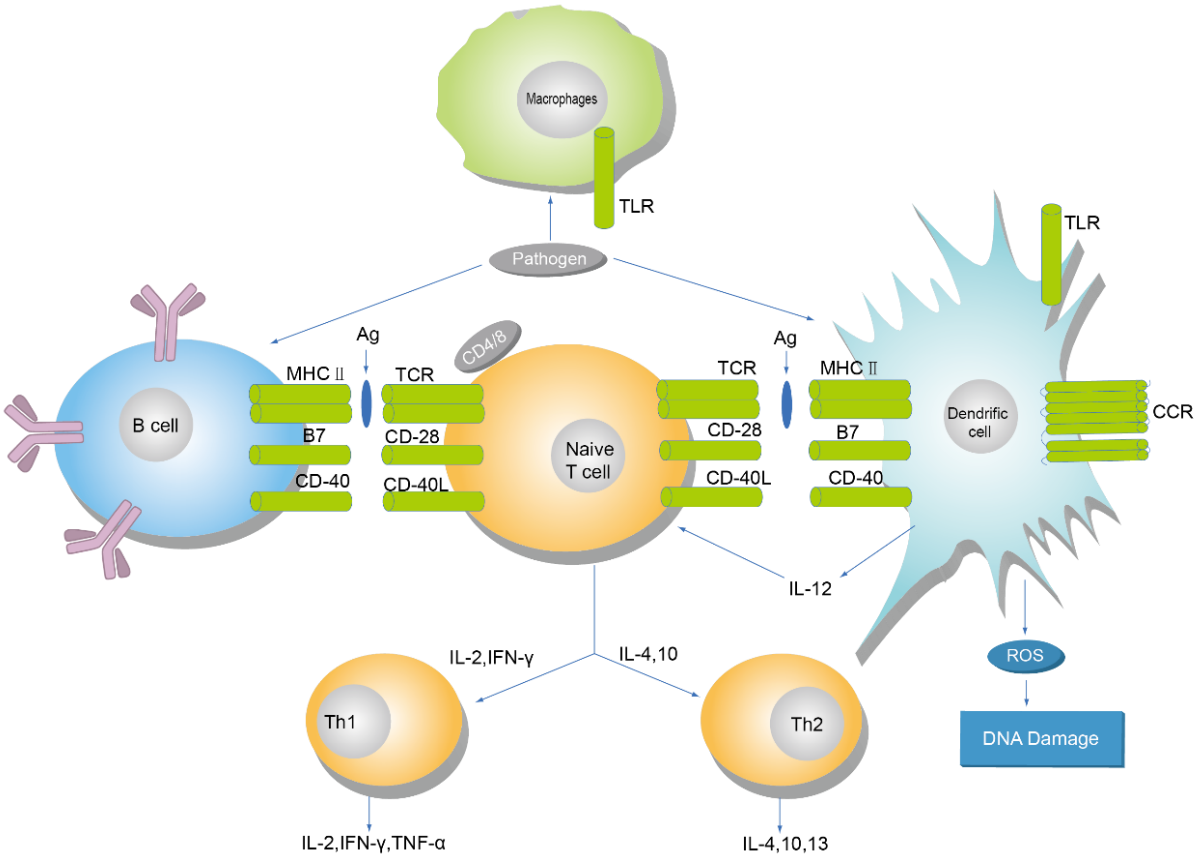
インヒビターやアゴニスト、モジュレーターを幅広く供給

MCE® MedChem Express

免疫/炎症 関連化合物



●免疫/炎症関連研究に使用される生物学的活性を有する特徴的な小分子阻害剤。

●免疫学、炎症学、薬物スクリーニング、その他の薬学的および生物学的応用の背後にあるメカニズムを研究に有用。

●主な標的はCCR、COX、CXCR、FLAP、インターロイキン関連、IRAK、MyD88、PDE、PGEシンターゼ、SIKおよびTLR。

●高純度を保証するためにNMRおよびHPLCにより分析。

重松貿易株式会社 化学品部
Shigematsu & Co.,Ltd.

＜大阪本社＞
〒541-0047 大阪市中央区淡路町 2 丁目 2 番 5 号
TEL：(06)6231-6146　FAX：(06)6231-6149

＜つくばライフサイエンスオフィス＞
〒300-2655 茨城県つくば市万博公園西 F26 街区 1 インプレス 103
TEL：(029)848-3220　FAX：(029)848-3221

WEB：www.shigematsu-bio.com/　Mail：info@shigematsu-bio.com

免疫/炎症 関連化合物
～Immunology/Inflammation Compounds～

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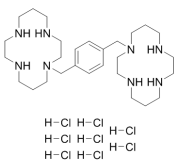
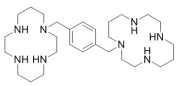
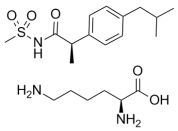


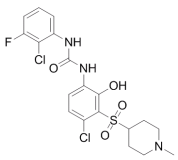
HY-50912
Plerixafor octahydrochloride
Plerixafor octahydrochloride is a CXCR4 antagonist, the IC50 values for GTP-binding and chemotaxis are 27±2.2 and 51±17 nM, respectively.
Target: CXCR
Effect: Antagonist
(CAS No. : 155148-31-5)



HY-10046
Plerixafor
Plerixafor is a selective CXCR4 inhibitor with IC50 of 44 nM.
Target: CXCR
Effect: Inhibitor
(CAS No. : 110078-46-1)

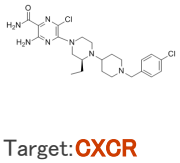


HY-15252
Reparixin L-lysine salt
Reparixin L-lysine salt is a potent and specific allosteric inhibitor of both CXCL8 receptors CXCR1/2, it inhibits weakly CXCR2-mediated cell migration (IC50=100 nM), whereas it strongly blocks CXCR1-mediated chemotaxis (IC50=1 nM).
Target: CXCR
Effect: Inhibitor
(CAS No. : 266359-93-7)

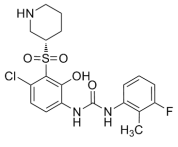


HY-101022
CXCR2-IN-1
CXCR2-IN-1 is a central nervous system penetrant CXCR2 antagonists with a pIC50 of 9.3.
Target: CXCR
Effect: Inhibitor
(CAS No. : 1873376-49-8)

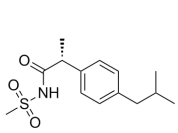
HY-50101A
AMD-070 hydrochloride
AMD-070 (hydrochloride) is a potent and selective antagonist of CXCR4 with an IC50 value of 13 nM in a CXCR4 125I-SDF inhibition binding assay, and inhibits the replication of T-tropic HIV-1 (NL4.3 strain) in MT-4 cells and PBMCs.
Target: CXCR
Effect: Antagonist
(CAS No. : 880549-30-4)



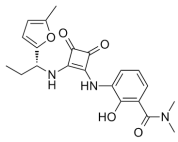
HY-10017
SCH 546738
SCH 546738 is a novel, potent and non-competitive CXCR3 antagonist, the affinity constant (Ki) of SCH 546738 binding to human CXCR3 receptor is determined to be 0.4 nM in multiple experiments.
Target: CXCR
Effect: Antagonist
(CAS No. : 906805-42-3)



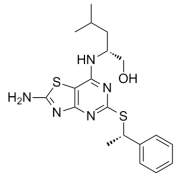
HY-19768
Danirixin
Danirixin is a selective, and reversible CXCR2 antagonist, with IC50 of 12.5 nM for CXCL8.
Target: CXCR
Effect: Antagonist
(CAS No. : 954126-98-8)



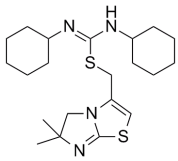
HY-15251
Reparixin
Reparixin(DF 1681Y) is an inhibitor of CXCL8 receptor, also inhibit CXCR1 and CXCR2 activation, which has been shown to attenuate inflammatory responses in various injury models.
Target: CXCR
Effect: Inhibitor
(CAS No. : 266359-83-5)



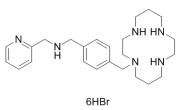
HY-10198
SCH 527123
SCH 527123 is a potent, allosteric antagonist of both CXCR1 and CXCR2, with IC50 values of 1000 nM and 3-6 nM, respectivelly.
Target: CXCR
Effect: Antagonist
(CAS No. : 473727-83-2)



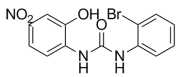
HY-13848
AZD8797
AZD8797 is an allosteric non-competitive modulator of the human CX3CR1 receptor; antagonizes CX3CL1 with IC50 values of 6 and 300 nM in B-lymphocyte cell line and human whole blood, respectively.
Target: CXCR
Effect: Antagonist
(CAS No. : 911715-90-7)



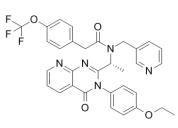
HY-101458
IT1t
IT1t is a potent CXCR4 antagonist; inhibits CXCL12/CXCR4 interaction with an IC50 of 2.1 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 864677-55-4)



HY-15971
AMD 3465 hexahydrobromide
AMD 3465 (hexahydrobromide) is a potent, selective CXCR4 antagonist, and inhibits SDF-1 α-ligand binding with Ki of 41.7 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 185991-07-5)



HY-16711
SB225002
SB225002 is a potent and selective CXCR2 antagonist with an IC50 of 22 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 182498-32-4)



HY-15319
AMG 487
AMG 487 is an antagonist of the chemokine receptor CXCR3, which inhibits binding of 125I-IP-10 and 125I-ITAC to CXCR3 with IC50 values of 8.0 and 8.2 nM, respectively.
Target: CXCR
Effect: Inhibitor
(CAS No. : 473719-41-4)

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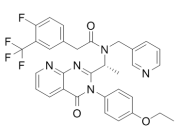
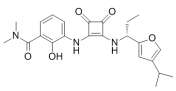
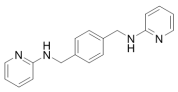


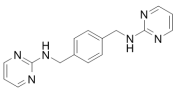
HY-15320
NBI-74330
NBI-74330 is a potent antagonist for CXCR3, and exhibits potent inhibition of (125I)CXCL10 and (125I) CXCL11 specific binding with Ki of 1.5 and 3.2 nM, respectively.
Target: CXCR
Effect: Antagonist
(CAS No. : 855527-92-3)



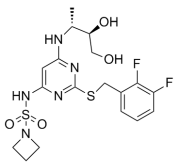
HY-10011
SCH 563705
SCH 563705 is a potent dual CXCR2(IC50= 1.3 nM) /CXCR1(IC50= 7.3 nM) antagonist.
Target: CXCR
Effect: Antagonist
(CAS No. : 473728-58-4)



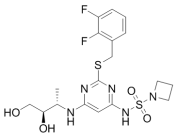
HY-15478
WZ811
WZ811 is a novel small molecular and potency CXCR4 antagonist with EC50 of 0.3 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 55778-02-4)



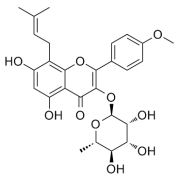
HY-13696
MSX-122
MSX-122 is a novel small molecule and partial CXCR4 antagonist, with potent inhibition of CXCR4/CXCL12 actions (IC50 = 10 nM).
Target: CXCR
Effect: Antagonist
(CAS No. : 897657-95-3)



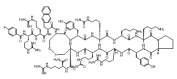
HY-15462
SRT3109
SRT3109 is a CXCR2 ligand for use in the treatment of chemokine mediated diseases and conditions.
Target: CXCR
Effect: Antagonist
(CAS No. : 1204707-71-0)



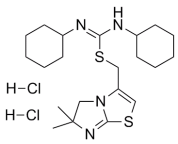
HY-13021
SRT3190
SRT3190 is CXCR2 ligand.
Target: CXCR
Effect: Antagonist
(CAS No. : 1204707-73-2)



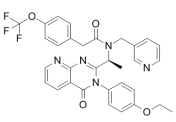
HY-N0011
Baohuoside I
Baohuoside I (Icariside-II) is a component of Epimedium koreanum; a regulator of CXCR4 expression as well as function in cervical cancer and breast cancer cells; Apoptosis inducer.
Target: CXCR
Effect: Inhibitor
(CAS No. : 113558-15-9)



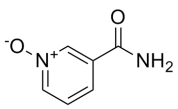
HY-P0171
BKT140
BKT140 is a novel CXCR4 antagonist with an IC50 value of ~1 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 664334-36-5)



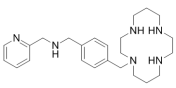
HY-101458A
IT1t dihydrochloride
IT1t dihydrochloride is a potent CXCR4 antagonist; inhibits CXCL12/CXCR4 interaction with an IC50 of 2.1 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 1092776-63-0)



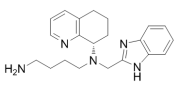
HY-15319B
AMG 487 S-enantiomer
AMG 487 (S-enantiomer) is the enantiomer of AMG 487. AMG 487 is an antagonist of the chemokine receptor CXCR3.
Target: CXCR
Effect: Antagonist
(CAS No. : 473720-30-8)



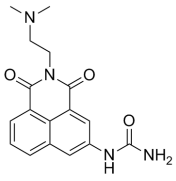
HY-101407
Nicotinamide N-oxide
Nicotinamide N-oxide, an in vivo nicotinamide metabolite, is a potent, and selective antagonist of the CXCR2 receptor.
Target: CXCR
Effect: Antagonist
(CAS No. : 1986-81-8)



HY-15971A
AMD 3465
AMD 3465 is a potent, selective CXCR4 antagonist, and inhibits SDF-1 α-ligand binding with Ki of 41.7 nM.
Target: CXCR
Effect: Antagonist
(CAS No. : 185991-24-6)



HY-50101
AMD-070
AMD-070 is a potent and selective antagonist of CXCR4 with an IC50 value of 13 nM in a CXCR4 125I-SDF inhibition binding assay; inhibit the replication of T-tropic HIV-1 (NL4.3 strain) in MT-4 cells and PBMCs.
Target: CXCR
Effect: Antagonist
(CAS No. : 558447-26-0)



HY-16509
UNBS5162
UNBS5162 is a novel naphthalimide that decreases CXCL chemokine expression in experimental prostate cancers; the mean antiproliferative activity IC50 value is 17.9 uM for 9 cancer cell lines; hydrolysis product of UNBS3157.
Target: CXCR
Effect: Antagonist
(CAS No. : 956590-23-1)

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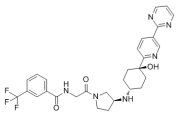
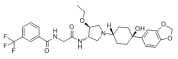


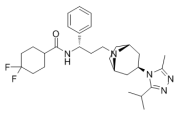
HY-13245
PF-4136309
INCB8761(PF-4136309) is a potent, Selective, and orally bioavailable CCR2 antagonist.

Target:CCR
Effect: Antagonist
(CAS No. : 1341224-83-6)



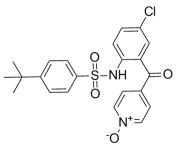
HY-50674
INCB3344
INCB3344 is a potent CCR2 antagonist with IC50 values of 5.1 nM (hCCR2) and 9.5 nM (mCCR2) in binding antagonism and 3.8 nM (hCCR2) and 7.8 nM (mCCR2) in antagonism of chemotaxis activity.

Target:CCR
Effect: Antagonist
(CAS No. : 1262238-11-8)



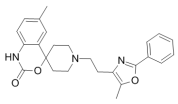
HY-13004
Maraviroc
Maraviroc is a selective CCR5 antagonist, inhibits MIP-1 α (IC50, 3.3 nM), MIP-1 β (IC50, 7.2 nM), and RANTES (IC50, 5.2 nM) binding to cell membrane preparations of CCR5-expressing HEK-293.

Target:CCR
Effect: Antagonist
(CAS No. : 376348-65-1)



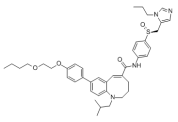
HY-15724
Vercirnon
Vercirnon is a highly potent antagonist of CCR9, which has been implicated in the aetiology of inflammatory bowel diseases such as Crohn's disease.

Target:CCR
Effect: Antagonist
(CAS No. : 698394-73-9)



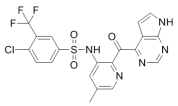
HY-15418
RS 504393
RS 504393 is a selective CCR2 chemokine receptor antagonist (IC50 values are 98 nM and > 100 μM for inhibition of human recombinant CCR2b and CCR1 receptors respectively).

Target:CCR
Effect: Antagonist
(CAS No. : 300816-15-3)



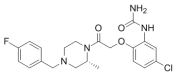
HY-14882
Cenicriviroc
Cenicriviroc is an orally active, dual CCR2/CCR5 antagonist, and displays potent anti-inflammatory and aninfective activity.

Target:CCR
Effect: Antagonist
(CAS No. : 497223-25-3)



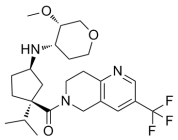
HY-101713
CCX140
CCX140 is a potent CCR2 antagonist.

Target:CCR
Effect: Inhibitor



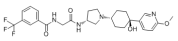
HY-12080
BX471
BX471 is a potent, selective non-peptide CCR1 antagonist with Ki of 1 nM for human CCR1, and exhibits 250-fold selectivity for CCR1 over CCR2, CCR5 and CXCR4.

Target:CCR
Effect: Antagonist
(CAS No. : 217645-70-0)



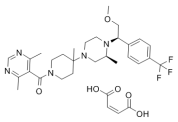
HY-50669
MK-0812
MK-0812 is a potent and selective CCR2 antagonist with low nM affinity for CCR2 on human monocytes.

Target:CCR
Effect: Antagonist
(CAS No. : 624733-88-6)



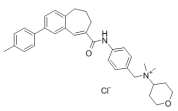
HY-15450A
INCB 3284
INCB 3284 is a potent, selective and orally bioavailable hCCR2 antagonist with IC50 of 3.7 nM (inhibition of monocyte chemoattractant protein-1 binding to hCCR2).

Target:CCR
Effect: Antagonist
(CAS No. : 887401-92-5)



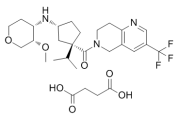
HY-17377
Vicriviroc maleate
Vicriviroc maleate(Sch-417690) is a CCR5 antagonist with IC50 of 0.91 nM in clinical development for the treatment of HIV-1.

Target:CCR
Effect: Antagonist
(CAS No. : 599179-03-0)



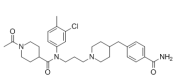
HY-13406
TAK-779
TAK-779 is a highly potent and selective nonpeptide CCR5 antagonist with a IC50 value of 1.4 nM in the binding assay, TAK-779 also inhibited the replication of macrophage (M)-tropic HIV-1 (Ba-L strain) in both MAGI-CCR5 cells and PBMCs with EC50 values of

Target:CCR
Effect: Antagonist
(CAS No. : 229005-80-5)



HY-50669A
MK-0812 Succinate
MK-0812 Succinate is a potent and selective CCR2 antagonist with low nM affinity for CCR2 on human monocytes.

Target:CCR
Effect: Antagonist
(CAS No. : 851916-42-2)



HY-19974
TAK-220
TAK-220 is an orally bioavailable small-molecule CCR5 antagonist.

Target:CCR
Effect: Antagonist
(CAS No. : 333994-00-6)

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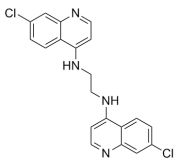
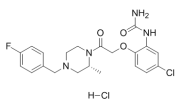
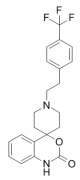


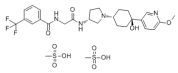
HY-100033
NSC5844
NSC5844 (RE640) is a bisquinoline compound with C-C chemokine receptor type 1 (CCR1)-agonistic properties.
Target: CCR
Effect: Agonist
(CAS No. : 140926-75-6)



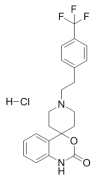
HY-12080A
BX471 hydrochloride
BX471 Hcl is a potent, selective non-peptide CCR1 antagonist (Ki = 1 nM for human CCR1); exhibits 250-fold selectivity for CCR1 over CCR2, CCR5 and CXCR4.
Target: CCR
Effect: Antagonist
(CAS No. : 288262-96-4)



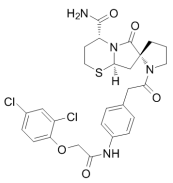
HY-18611A
RS102895
RS102895 is a potent and specific CCR2 antagonist with binding IC50 of 360 nM, no significant inhibition on CCR1(IC50 > 17 uM).
Target: CCR
Effect: Antagonist
(CAS No. : 300815-41-2)



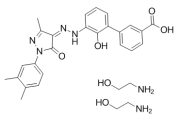
HY-15450
INCB 3284 dimesylate
INCB 3284 is a potent, selective and orally bioavailable hCCR2 antagonist with IC50 of 3.7 nM.
Target: CCR
Effect: Antagonist
(CAS No. : 887401-93-6)



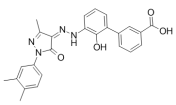
HY-18611
RS102895 hydrochloride
RS102895 Hcl is a potent and specific CCR2 antagonist with binding IC50 of 360 nM, no significant inhibition on CCR1(IC50 > 17 uM).
Target: CCR
Effect: Antagonist
(CAS No. : 1173022-16-6)



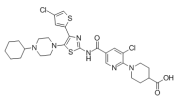
HY-50937
ST 2825
ST 2825 is a MyD88 homodimerization inhibitor.
Target: MyD88
Effect: Inhibitor
(CAS No. : 894787-30-5)



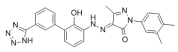
HY-15306A
Eltrombopag Olamine
Eltrombopag olamine is a new, orally active thrombopoietin-receptor (c-mpl) agonist that stimulates thrombopoiesis.
Target: Thrombopoietin Receptor
Effect: Agonist
(CAS No. : 496775-62-3)



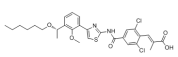
HY-15306
Eltrombopag
Eltrombopag(SB-497115) is a new, orally active thrombopoietin-receptor (c-mpl) agonist that stimulates thrombopoiesis.
Target: Thrombopoietin Receptor
Effect: Agonist
(CAS No. : 496775-61-2)



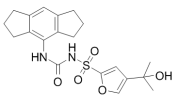
HY-13463
Avatrombopag
Avatrombopag(AKR-501; AS1670542) is a novel orally-active thrombopoietin(TPO) receptor agonist with EC50 of 3.3 nM.
Target: Thrombopoietin Receptor
Effect: Agonist
(CAS No. : 570406-98-3)



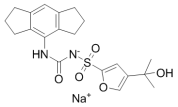
HY-100380
TPO agonist 1
TPO agonist 1 can increase production of platelets by stimulating the TPO receptor in people with chronic ITP.
Target: Thrombopoietin Receptor
Effect: Agonist
(CAS No. : 1033040-23-1)



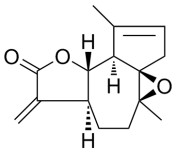
HY-19883
Lusutrombopag
Lusutrombopag is an orally bioavailable thrombopoietin (TPO) receptor agonist, used for treatment of chronic liver disease.
Target: Thrombopoietin Receptor
Effect: Agonist
(CAS No. : 1110766-97-6)



HY-12815
MCC950
MCC950 is a potent, selective NLRP3 inhibitor with IC50 of 7.5 nM and 8.1 nM in BMDMs and HMDMs, respectively.
Target: NOD-like Receptor (NLR)
Effect: Inhibitor
(CAS No. : 210826-40-7)



HY-12815A
MCC950 sodium
MCC950 sodium is a potent, selective NLRP3 inhibitor with IC50 of 7.5 nM and 8.1 nM in BMDMs and HMDMs, respectively.
Target: NOD-like Receptor (NLR)
Effect: Inhibitor
(CAS No. : 256373-96-3)



HY-16059
Arglabin
Arglabin is a sesquiterpene gamma-lactone is isolated from Artemisia glabella; anticancer natural compound.
Target: NOD-like Receptor (NLR)
Effect: Inhibitor
(CAS No. : 84692-91-1)

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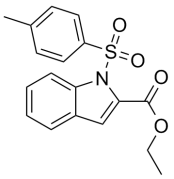
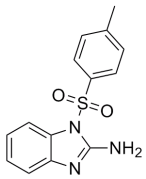
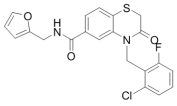


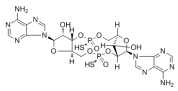
HY-100691
NOD-IN-1
NOD-IN-1 is a potent mixed inhibitor of nucleotide-binding oligomerization domain (NOD)-like receptors, NOD1 and NOD2, with IC50 of 5.74 μM and 6.45 μM, respectively.
Target: **NOD-like Receptor (NLR)**
Effect: **Inhibitor**
(CAS No. : 132819-92-2)



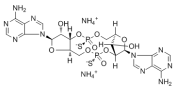
HY-18639
Nodinitib-1
Nodinitib-1 (ML130;CID-1088438) is a NOD1 inhibitor with an IC50 of 0.56 μM.
Target: **NOD-like Receptor (NLR)**
Effect: **Inhibitor**
(CAS No. : 799264-47-4)



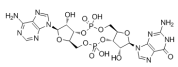
HY-19711
STING agonist-1
STING agonist-1 (G10) is a novel human-specific STING agonist that elicits antiviral activity against emerging Alphaviruses. G10 potently blocks replication of Alphavirus species Venezuelan Equine Encephalitis Virus (VEEV) (IC90 = 24.57 μM).
Target: **STING**
Effect: **Agonist**
(CAS No. : 702662-50-8)



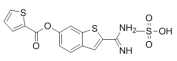
HY-12885
ML RR-S2 CDA
ML RR-S2 CDA (STING-Inducer-1) is a highly active cyclic-di-nucleotide immune stimulators that activate DCs via the cytoplamtic receptor STING (Stimulator of Interferon Genes).
Target: **STING**
Effect: **Activator**
(CAS No. : 1638241-89-0)



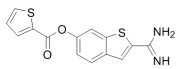
HY-12885B
ML RR-S2 CDA ammonium salt
ML RR-S2 CDA ammonium salt is an inducer of STING (stimulator of interferon genes).
Target: **STING**
Effect: **Activator**
(CAS No. : 1638750-96-5)



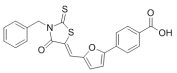
HY-12512
cGAMP
cGAMP(Cyclic GMP-AMP) is an endogenous second messenger in metazoans and triggers interferon production in response to cytosolic DNA; STING ligand.
Target: **STING**
Effect: **Activator**
(CAS No. : 849214-04-6)



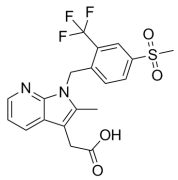
HY-50875
BCX 1470 methanesulfonate
BCX 1470 inhibits the esterolytic activity of factor D (IC50=96 nM) and C1s (IC50=1.6 nM), 3.4- and 200-fold better, respectively, than that of trypsin.
Target: **Complement System**
Effect: **Inhibitor**
(CAS No. : 217099-44-0)



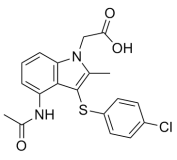
HY-50874
BCX 1470
BCX 1470 inhibits the esterolytic activity of factor D (IC50=96 nM) and C1s (IC50=1.6 nM), 3.4- and 200-fold better, respectively, than that of trypsin.
Target: **Complement System**
Effect: **Inhibitor**
(CAS No. : 217099-43-9)



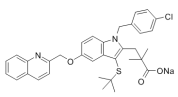
HY-15701
Leukadherin-1
Leukadherin-1 is a specific agonist of CR3 and the leukocyte surface integrin CD11b/CD18.
Target: **Complement System**
Effect: **Agonist**
(CAS No. : 344897-95-6)



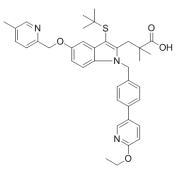
HY-16768
Fevipiprant
Fevipiprant(QAW039) is a selective, potent, reversible competitive CRTh2 antagonist with an in vitro dissociation constant KD value of 1.1nM at the CRTh2 receptor and an IC50 value of 0.44 nM for inhibition of PGD2-induced eosinophil shape change
Target: **CRTH2 (GPR44)**
Effect: **Antagonist**
(CAS No. : 872365-14-5)



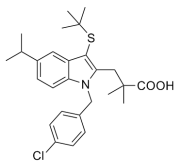
HY-15950
AZD1981
AZD1981 is a potent and selective CRTh2 antagonist; displaces radio-labelled PGD2 from human recombinant DP2 with high potency (pIC50 = 8.4).
Target: **CRTH2 (GPR44)**
Effect: **Antagonist**
(CAS No. : 802904-66-1)



HY-50714
MK591
MK591(Quiflapon sodium) is a selective and specific 5-Lipoxygenase-activating protein (FLAP) inhibitor.
Target: **FLAP**
Effect: **Inhibitor**
(CAS No. : 147030-01-1)



HY-15874
GSK2190915
GSK2190915(AM-803; Fiboflapon) is a potent FLAP (5-Lipoxygenase-activating protein) inhibitor with binding IC50 of 2.9 nM.
Target: **FLAP**
Effect: **Inhibitor**
(CAS No. : 936350-00-4)



HY-14166
MK-886
MK886 is a potent 5-lipoxygenase activating protein inhibitor (FLAP) also a non-competitive inhibitor of PPAR alpha. a potent inhibitor of leukotriene (LT) biosynthesis in intact human polymorphonuclear leukocytes with IC 50 of 2.5 nM. Block the synthesis
Target: **FLAP**
Effect: **Inhibitor**
(CAS No. : 118414-82-7)

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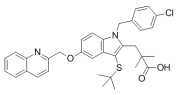
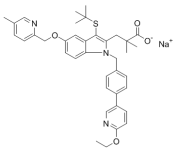
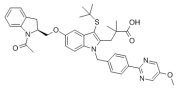


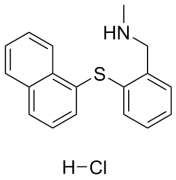
HY-10037
MK-0591
MK-0591 is a selective and specific 5-Lipoxygenase-activating protein (FLAP) inhibitor with an IC50 value of 1.6 nM in a FLAP binding assay.
Target: FLAP
Effect: Inhibitor
(CAS No. : 136668-42-3)



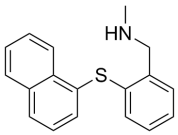
HY-15874A
GSK2190915 sodium salt
GSK2190915(AM-803; Fiboflapon) sodium salt is a potent FLAP(5-Lipoxygenase-activating protein) inhibitor with binding IC50 of 2.9 nM.
Target: FLAP
Effect: Inhibitor
(CAS No. : 1196070-26-4)



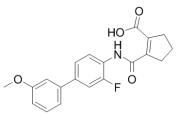
HY-14460
AM679
AM679 is a potent and selective FLAP inhibitor with IC50s of 2.2 nM/0.6 nM/154 nM for FLAP binding/hLA/hWB respectively.
Target: FLAP
Effect: Inhibitor
(CAS No. : 1206880-66-1)



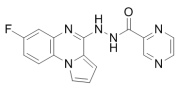
HY-12836A
IFN alpha-IFNAR-IN-1 hydrochloride
IFN alpha-IFNAR-IN-1 hydrochloride is a nonpeptidic, low-molecular-weight inhibitor of the interaction between IFN-α and IFNAR; inhibit MVA-induced IFN-α responses by BM-pDCs (IC50=2-8 uM).
Target: IFNAR
Effect: Inhibitor



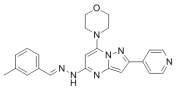
HY-12836
IFN alpha-IFNAR-IN-1
IFN alpha-IFNAR-IN-1 is a nonpeptidic, low-molecular-weight inhibitor of the interaction between IFN-α and IFNAR; inhibit MVA-induced IFN-α responses by BM-pDCs (IC50=2-8 uM).
Target: IFNAR
Effect: Inhibitor
(CAS No. : 844882-93-5)



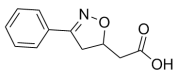
HY-14908
Vidofludimus
Vidofludimus(4SC-101; SC12267) is a novel immunosuppressive drug that inhibits DHODH; inhibits IL-17 secretion in vitro independently of effects on lymphocyte proliferation.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 717824-30-1)



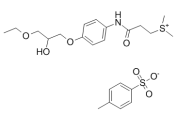
HY-15614
SC144
SC144 is the first-in-class orally active small-molecule gp130 inhibitor; inhibits cell growth in a panel of human ovarian cancer cell lines with IC50 values in a submicromolar range.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 895158-95-9)



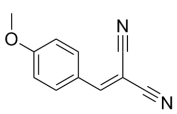
HY-15982
APY0201
APY0201 is a potent, highly selective, ATP-competitive PIKfyve inhibitor (IC50=5.2 nM) that interrupts the conversion of phosphatidylinositol 3-phosphate (PtdIns3P) to PtdIns(3,5)P2; a unique small molecular IL-12/23 production inhibitor.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 1232221-74-7)



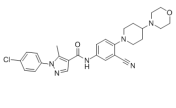
HY-15507
VGX-1027
VGX-1027(GIT27) is an isoxazole compound that exhibits various immunomodulatory properties; reduce the secretion of IL-1beta, TNF-alpha and IL-10 from purified murine macrophages.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 6501-72-0)



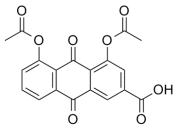
HY-17002
Suplatast Tosilate
Suplatast tosilate(IPD 1151T) is a Th2 cytokine inhibitor that attenuates IL-2, IL-5 and IL-13 production and has no effect on IFN-γ production.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 94055-76-2)



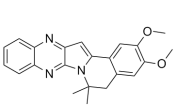
HY-16668
Tyrphostin A1
Tyrphostin A1(AG9) inhibits CD40L-stimulated IL-12 production in macrophage cultures and antigen-induced generation of Th1 cells.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 2826-26-8)



HY-15898
Y-320
Y-320 is a new phenylpyrazoleanilide immunomodulator; inhibits IL-17 production by CD4 T cells stimulated with IL-15 with IC50 values of 20 to 60 nM.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 288250-47-5)



HY-N0283
Diacerein
Diacerein, a interleukin-1 beta inhibitor, is a slow-acting medicine of the class anthraquinone used to treat joint diseases.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 13739-02-1)



HY-19969
YM-90709
YM-90709 is a novel antagonist which inhibits the binding of interleukin-5 to interleukin-5 receptor.
Target: Interleukin Related
Effect: Inhibitor
(CAS No. : 163769-88-8)

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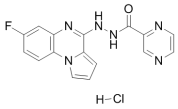
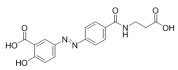
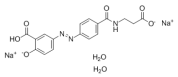
MCE MedChem Express



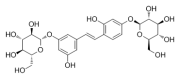
HY-15614A
SC144 hydrochloride
SC144 hydrochloride is the first-in-class orally active small-molecule gp130 inhibitor; inhibits cell growth in a panel of human ovarian cancer cell lines with IC50 values in a submicromolar range.
Target:Interleukin Related
Effect: Inhibitor
(CAS No. : 917497-70-2)



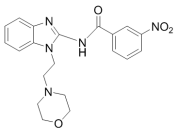
HY-B0667
Balsalazide
Balsalazide is an anti-inflammatory drug used in the treatment of Inflammatory Bowel Disease.
Target:Interleukin Related
Effect: Inhibitor
(CAS No. : 80573-04-2)



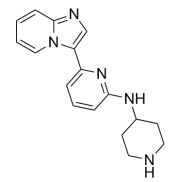
HY-B0667A
Balsalazide sodium hydrate
Balsalazide is an anti-inflammatory compound used in the treatment of Inflammatory Bowel Disease.
Target:Interleukin Related
Effect: Inhibitor
(CAS No. : 150399-21-6)



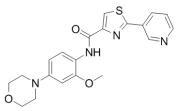
HY-N0619
Mulberroside A
Mulberroside A, the major active anti-tyrosinase compound in the root bark extract of Morus alba L. (Moraceae), is widely employed as an active ingredient in whitening cosmetics.
Target:Interleukin Related
Effect: Inhibitor
(CAS No. : 102841-42-9)



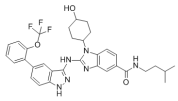
HY-13329
IRAK-1-4 Inhibitor I
IRAK-1-4 Inhibitor I is a dual inhibitor of IRAK4 and IRAK1 with IC50 of 0.2 μM and 0.3 μM, respectively.
Target:IRAK
Effect: Inhibitor
(CAS No. : 509093-47-4)



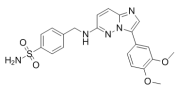
HY-13275
IRAK inhibitor 1
IRAK inhibitor 1 is a potent IRAK-4 inhibitor with IC50 of 216 nM, is poorly active against JNK-1 and JNK-2 with IC50 of 3.801 μM, and >10 μM, respectively.
Target:IRAK
Effect: Inhibitor
(CAS No. : 1042224-63-4)



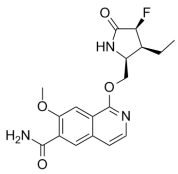
HY-13280
IRAK inhibitor 6
IRAK inhibitor 6 is interleukin-1 receptor associated kinase 4 (IRAK-4) inhibitor .
Target:IRAK
Effect: Inhibitor
(CAS No. : 1042672-97-8)



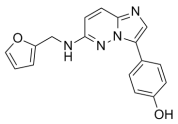
HY-13278
IRAK inhibitor 4
IRAK inhibitor 4 is an interleukin-1 receptor associated kinase 4(IRAK4) inhibitor.
Target:IRAK
Effect: Inhibitor
(CAS No. : 1012104-68-5)



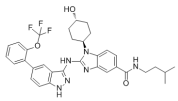
HY-13277
IRAK inhibitor 3
IRAK inhibitor 3 is an interleukin-1 (IL-1) receptor-associated kinase (IRAK) kinase modulator extracted from patent WO2008030579 A2.
Target:IRAK
Effect: Modulator
(CAS No. : 1012343-93-9)



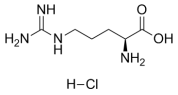
HY-19836
PF06650833
PF06650833 is an inhibitor of Interleukin-1 receptor associated kinase 4 (IRAK4), and used to treat diseases such as rheumatoid arthritis, lupus, and lymphomas.
Target:IRAK
Effect: Inhibitor
(CAS No. : 1817626-54-2)



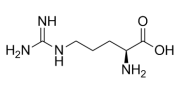
HY-13276
IRAK inhibitor 2
IRAK inhibitor 2 is interleukin-1 receptor associated kinase inhibitor .
Target:IRAK
Effect: Inhibitor
(CAS No. : 928333-30-6)



HY-13278A
IRAK inhibitor 4 trans
IRAK inhibitor 4 (trans) is the trans form of IRAK inhibitor 4.
Target:IRAK
Effect: Inhibitor



HY-N0455A
L-Arginine hydrochloride
L-Arginine is the nitrogen donor for synthesis of nitric oxide, a potent vasodilator that is deficient during times of sickle cell crisis.
Target:NO Synthase
Effect: Activator
(CAS No. : 1119-34-2)



HY-N0455
L-Arginine
L-Arginine is the nitrogen donor for synthesis of nitric oxide, a potent vasodilator that is deficient during times of sickle cell crisis.
Target:NO Synthase
Effect: Activator
(CAS No. : 74-79-3)

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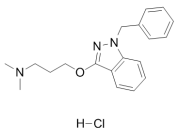
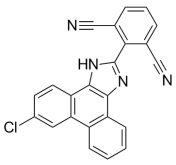
HY-30235A
Benzydamine hydrochloride



Benzydamine Hcl is a locally-acting nonsteroidal anti-inflammatory drug with local anaesthetic and analgesic properties; selectively binds to prostaglandin synthetase and has notable in vitro antibacterial activity.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 132-69-4)

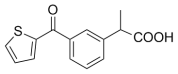
HY-13283
MF63



MF63 is a selective mPGES-1 inhibitor with an IC50 of 0.9 nM and 1.3 nM for pig mPGES-1 and human mPGES-1 enzyme, respectively.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 892549-43-8)

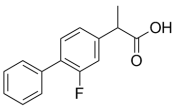
HY-B0270
Suprofen



Suprofen is a non-steroidal anti-inflammatory drug (NSAID).

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 40828-46-4)

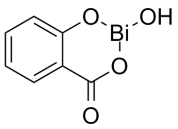
HY-10582
Flurbiprofen



Flurbiprofen is a nonsteroidal anti-inflammatory agent (NSAIA) with antipyretic and analgesic activity.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 5104-49-4)

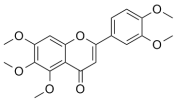
HY-B0550
Bismuth Subsalicylate



Bismuth Subsalicylate is the active ingredient in Pepto-Bismol and inhibits prostaglandin G/H Synthase 1/2.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 14882-18-9)

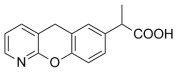
HY-N0297
Sinensetin



Sinensetin is a methylated flavone found in certain citrus fruits. pocess potent antiangiogenesis and anti-inflammatory, sinensetin enhances adipogenesis and lipolysis.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 2306-27-6)

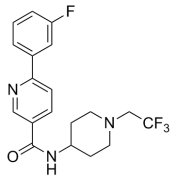
HY-B0336
Pranoprofen



Pranoprofen is a non-steroidal anti-inflammatory drug used in ophthalmology.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 52549-17-4)

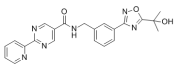
HY-10439
HPGDS inhibitor 1



HPGDS inhibitor 1 is a novel and selective Hematopoietic Prostaglandin D Synthase (HPGDS) inhibitor with an IC50 Value of 0.7 nM.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 1033836-12-2)

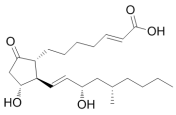
HY-12791
hPGDS-IN-1



hPGDS-IN-1 is a hPGDS inhibitor ,with IC50 of 12 nM in the Fluorescence Polarization Assay or the EIA assay.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 1234708-04-3)

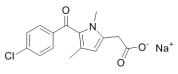
HY-B0683
Limaprost



Limaprost(OP1206) is a PGE1 analog and potent platelet adhesion inhibitor.

Target: PGE synthase
Effect: Agonist
(CAS No. : 74397-12-9)

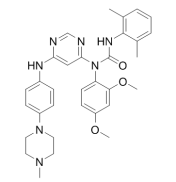
HY-B0890
Zomepirac sodium salt



Zomepirac sodium salt is a pyrrole-acetic acid structurally related to tolmetin sodium; a prostaglandin synthetase inhibitor.

Target: PGE synthase
Effect: Inhibitor
(CAS No. : 64092-48-4)

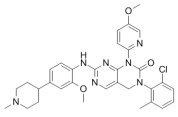
HY-15776
HG-9-91-01



HG-9-91-01 is a potent and highly selective salt-inducible kinase (SIKs) inhibitor with IC50s of 0.92 nM, 6.6 nM and 9.6 nM for SIK1, SIK2 and SIK3 respectively.

Target: Salt-inducible Kinase (SIK)
Effect: Inhibitor
(CAS No. : 1456858-58-4)

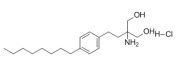
HY-101147
YKL-05-099



YKL-05-099 is a salt-inducible kinase (SIK) probe; inhibits SIK2 with an IC50 of 40 nM.

Target: Salt-inducible Kinase (SIK)
Effect: Inhibitor
(CAS No. : 1936529-65-5)

HY-12005
Fingolimod hydrochloride



Fingolimod hydrochloride is a sphingosine 1-phosphate (S1P) antagonist with IC50 of 0.033 nM in K562 and NK cells.

Target: SPHK
Effect: Antagonist
(CAS No. : 162359-56-0)

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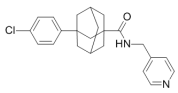
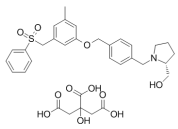
～Immunology/Inflammation Compounds～

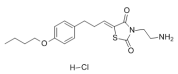
MCE MedChem Express



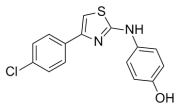
HY-16015
ABC294640
ABC294640 is a selective, competitive sphingosine kinase 2 (SK2) inhibitor with Ki of 9.8 μM.
Target: SPHK
Effect: Inhibitor
(CAS No. : 915385-81-8)



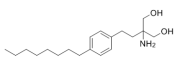
HY-15425A
PF-543 Citrate
PF-543 Citrate is a novel cell-permeant inhibitor of SPHK1 with a Ki of 4.3 nM and more than 100-fold selectivity for SPHK1 over SPHK2.
Target: SPHK
Effect: Inhibitor
(CAS No. : 1415562-83-2)



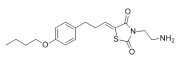
HY-15779A
K145 hydrochloride
K145 is a selective SphK2 inhibitor with an IC50 of 4.30±0.06 μM , while no inhibition of SphK1 at concentrations up to 10 μM.
Target: SPHK
Effect: Inhibitor
(CAS No. : 1449240-68-9)



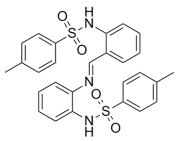
HY-13822
SKI II
SKI-II is a synthetic inhibitor of sphingosine kinase (SK) activity with IC50 of 78 μM for SK1 and 45 μM for SK2.
Target: SPHK
Effect: Inhibitor
(CAS No. : 312636-16-1)



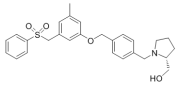
HY-11063
Fingolimod
Fingolimod is a sphingosine 1-phosphate (S1P) antagonist with IC50 of 0.033 nM in K562 and NK cells.
Target: SPHK
Effect: Antagonist
(CAS No. : 162359-55-9)



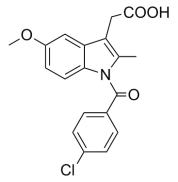
HY-15779
K145
K145 is a selective SphK2 inhibitor with an IC50 of 4.30±0.06 μM , while no inhibition of SphK1 at concentrations up to 10 μM.
Target: SPHK
Effect: Inhibitor
(CAS No. : 1309444-75-4)



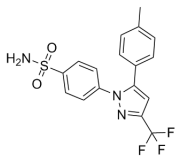
HY-19794
MP-A08
MP-A08 is a highly selective ATP competitive SK inhibitor that targets both SK1 and SK2 with Kivalues of 6.9 ± 0.8 μM and 27 ± 3 μM, respectively.
Target: SPHK
Effect: Inhibitor
(CAS No. : 219832-49-2)



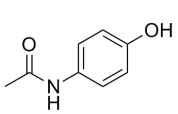
HY-15425
PF-543
PF-543 is a novel cell-permeant inhibitor of SPHK1 with a Ki of 4.3 nM and more than 100-fold selectivity for SPHK1 over SPHK2.
Target: SPHK
Effect: Inhibitor
(CAS No. : 1415562-82-1)



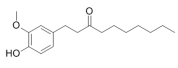
HY-14397
Indomethacin
Indomethacin is a nonselective inhibitor of COX1 and COX2, used to reduce fever, pain, stiffness, and swelling.
Target: COX
Effect: Inhibitor
(CAS No. : 53-86-1)



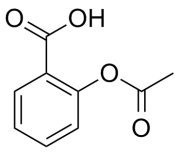
HY-14398
Celecoxib
Celecoxib is a selective COX-2 inhibitor with IC50 of 40 nM.
Target: COX
Effect: Inhibitor
(CAS No. : 169590-42-5)



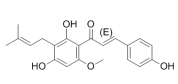
HY-66005
Acetaminophen
Acetaminophen (paracetamol) is a selective cyclooxygenase-2 (COX-2) inhibitor with an IC50 of 25.8 μM; is a widely used antipyretic and analgesic drug.
Target: COX
Effect: Inhibitor
(CAS No. : 103-90-2)



HY-14617
Paradol
Paradol is a pungent phenolic substance found in ginger and other Zingiberaceae plants.
Target: COX
Effect: Inhibitor
(CAS No. : 27113-22-0)



HY-14654
Aspirin
Aspirin (acetylsalicylic acid) is an inhibitor of COX-1 with an IC50 of 5 μg/mL; commonly used for the treatment of pain, fever, and inflammation.
Target: COX
Effect: Inhibitor
(CAS No. : 50-78-2)



HY-N1067
Xanthohumol
Xanthohumol is one of the principal flavonoids isolated from hops, the inhibitor of diacylglycerol acetyltransferase (DGAT), COX-1 and COX-2, and shows anti-cancer and anti-angiogenic activities.
Target: COX
Effect: Inhibitor
(CAS No. : 6754-58-1)

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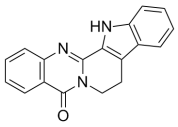
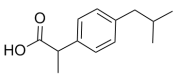
HY-N0147
Rutaecarpine



Rutaecarpine, an alkaloid of Evodia rutaecarpa, is an inhibitor of COX-2 with an IC50 value of 0.28 μM.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 84-26-4)

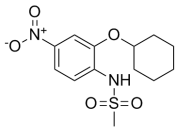
HY-78131
Ibuprofen



Ibuprofen (Motrin) is an anti-inflammatory inhibitor targeting COX-1 and COX-2, of which is used for pain relief, fever reduction and for reducing swelling.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 15687-27-1)

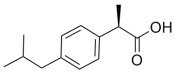
HY-13913
NS-398



NS-398 is a COX-2 inhibitor. The COX-1 activity is completely unaffected by 100 μM NS-398, whereas the COX-2 activity was concentration-dependently inhibited, the IC50 value being 3.8 μM.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 123653-11-2)

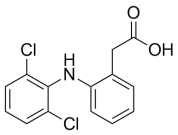
HY-78131B
(R)-(-)-Ibuprofen



(R)-Ibuprofen, a nonsteroidal anti-inflammatory, is the less active enantiomer of ibuprofen, an inhibitor of Cox-1 and Cox-2.

Target: **COX**
Effect: **98.49%**
(CAS No. : 51146-57-7)

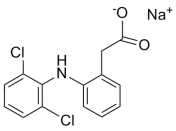
HY-15036
Diclofenac



Diclofenac is a non-selective COX inhibitor with IC50 of 60 and 220 nM for ovine COX-1 and -2, respectively.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 15307-86-5)

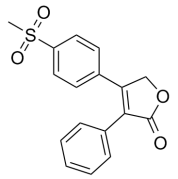
HY-15037
Diclofenac Sodium



Diclofenac Sodium is a non-selective COX inhibitor with IC50 of 60 and 220 nM for ovine COX-1 and -2, respectively.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 15307-79-6)

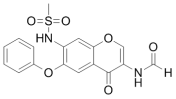
HY-17372
Rofecoxib



Rofecoxib(MK 966) is a potent inhibitor of the COX-2-dependent production of PGE2 in human osteosarcoma cells (IC50= 26±10 nM) and Chinese hamster ovary cells expressing human COX-2 (IC50=18±7 nM).

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 162011-90-7)

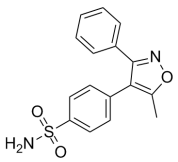
HY-17009
Iguratimod



Iguratimod(T-614) is a selective inhibitor of cyclo-oxygenase-2 (COX-2), and inhibits the production of interleukin-1 (IL-1), IL-6, IL-8 and tumour necrosis factor.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 123663-49-0)

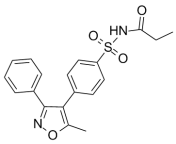
HY-15762
Valdecoxib



Valdecoxib (SC 65872) is a COX-2 selective inhibitor with an IC50 value of 5 nM.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 181695-72-7)

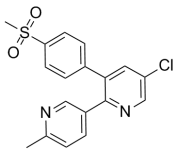
HY-17474
Parecoxib



Parecoxib is a potent and selective COX-2 inhibitor.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 198470-84-7)

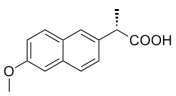
HY-15321
Etoricoxib



Etoricoxib(MK-0663) selectively inhibited COX-2 in human whole blood assays in vitro, with an IC50 value of 1.1 ± 0.1 μM for COX-2 (LPS-induced prostaglandin E2 synthesis), compared with an IC50 value of 116 ± 8 μM for COX-1 (serum

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 202409-33-4)

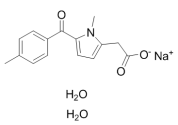
HY-15030
Naproxen



Naproxen is a COX inhibitor for COX-1 and COX-2 with IC50 of 8.7 μM and 5.2 μM, respectively.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 22204-53-1)

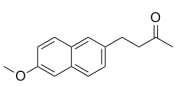
HY-B1489
Tolmetin sodium dihydrate



Tolmetin sodium dihydrate is a non-steroidal anti-inflammatory agent (NSAID) with antioxidant and neuroprotective properties.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 64490-92-2)

HY-B0559
Nabumetone



Nabumetone(BRL14777) is a non-steroidal anti-inflammatory drug and its active metabolite inhibits the COX.

Target: **COX**
Effect: **Inhibitor**
(CAS No. : 42924-53-8)

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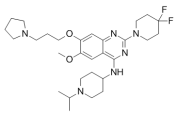
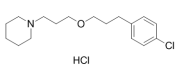
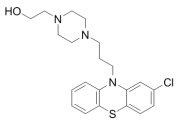


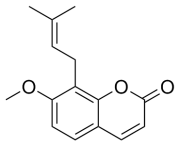
HY-13980
UNC0642
UNC0642 is a potent and selective G9a/GLP inhibitor, inhibits G9a/GLP with an IC50 of less than 2.5 nM.
Target: **Histamine Receptor**
Effect: **Inhibitor**
(CAS No. : 1481677-78-4)



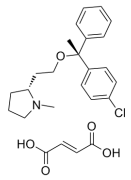
HY-12199B
Pitolisant hydrochloride
Pitolisant hydrochloride is a potent and selective nonimidazole inverse agonist at the recombinant human histamine H3 receptor (Ki=0.16 nM).
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 903576-44-3)



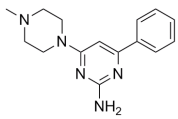
HY-A0077
Perphenazine
Perphenazine is a typical antipsychotic drug, inhibits 5-HT2A receptor (5-HT2A), Alpha-1A adrenergic receptor (α1A), Dopamine receptor D2/D3, D2L receptor, and Histamine H1 receptor (H1) with Ki of 5.6, 10, 0.765/0.13, 3.4, and 8 nM.
Target: **Histamine Receptor**
Effect: **Inhibitor**
(CAS No. : 58-39-9)



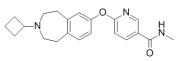
HY-N0054
Osthole
Osthole is a natural antihistamine alternative.
Target: **Histamine Receptor**
Effect: **Inhibitor**
(CAS No. : 484-12-8)



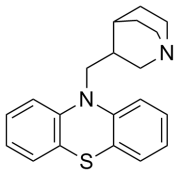
HY-B0298A
Clemastine fumarate
Clemastine Fumarate is a selective histamine H1 receptor antagonist with IC50 of 3 nM.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 14976-57-9)



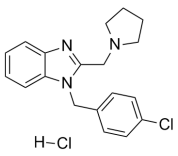
HY-101420
VUF10460
VUF10460 is a non-imidazole histamine H4 receptor agonist; binds to rat H4 receptor with a pKi of 7.46.
Target: **Histamine Receptor**
Effect: **Agonist**
(CAS No. : 1028327-66-3)



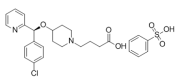
HY-14111
GSK189254A
GSK189254A (GSK189254) is a novel, potent and selective histamine H3 receptor antagonist with pKi values of 9.59-9.90 and 8.51-9.17 for human and rat H3, respectively.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 720690-73-3)



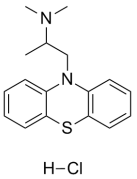
HY-B2168
Mequitazine
Mequitazine is a potent, nonsedative and long-acting histamine H1 antagonist.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 29216-28-2)



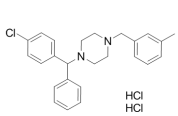
HY-30234A
Clemizole hydrochloride
Clemizole hydrochloride is an H1 histamine receptor antagonist, is found to substantially inhibit HCV replication.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 1163-36-6)



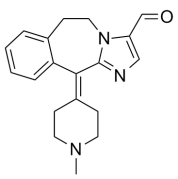
HY-A0015
Bepotastine Beslilate
Bepotastine Beslilate (Bepreve) is a histamine H1 receptor anatagonist.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 190786-44-8)



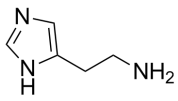
HY-B0781
Promethazine hydrochloride
Promethazine Hcl(NSC-231688) is the first-generation antihistamine; strong antagonist of the H1 receptor and moderate mACh receptor antagonist, moderate affinity for 5-HT2A, 5-HT2C, D2 and α1-adrenergic receptors.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 58-33-3)



HY-B0349
Meclizine dihydrochloride
Meclizine is a histamine H1 receptor antagonist used to treat nausea and motion sickness
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 1104-22-9)



HY-17039
Alcaftadine
Alcaftadine(R89674) is a H1 histamine receptor antagonist, which is used to prevent eye irritation brought on by allergic conjunctivitis.
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 147084-10-4)



HY-B1204
Histamine
Histamine is an organic nitrogenous compound involved in local immune responses as well as regulating physiological function in the gut and acting as a neurotransmitter.
Target: **Histamine Receptor**
Effect: **Activator**
(CAS No. : 51-45-6)

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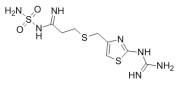
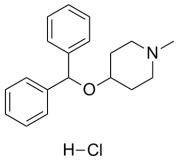


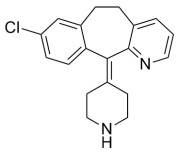
HY-B0377
Famotidine
Famotidine is a competitive histamine H2-receptor antagonist. Its main pharmacodynamic effect is the inhibition of gastric secretion.

Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 76824-35-6)



HY-B0970
Diphenylpyraline hydrochloride
Diphenylpyraline Hcl is a first-generation antihistamine with anticholinergic effects, acts as a dopamine reuptake inhibitor, shows to be useful in the treatment of Parkinsonism.

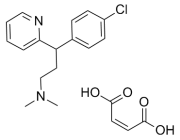
Target: **Histamine Receptor**
Effect: **Inhibitor**
(CAS No. : 132-18-3)



HY-B0539
Desloratadine
Desloratadine(Sch34117) is a potent antagonist for human histamine H1 receptor used to treat allergies.

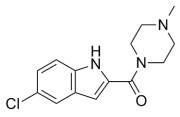
Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 100643-71-8)

その他多数
（COX、Histamine Receptor関連化合物）



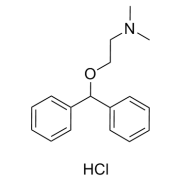
HY-B0286A
Chlorpheniramine maleate
Chlorpheniramine maleate is an histamine H1 receptor antagonist with IC50 of 12 nM.

Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 113-92-8)



HY-13508
JNJ-7777120
JNJ-7777120 is a selective H4R antagonist with Ki of 4 ±1 nM, exhibits >1000-fold selectivity over the other histamin receptors.

Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 459168-41-3)



HY-B0303A
Diphenhydramine hydrochloride
Diphenhydramine HCl (Benadryl), a histamine H1 antagonist used as an antiemetic, antitussive, for dermatoses and pruritus, for hypersensitivity reactions, as a hypnotic, an antiparkinson, and as an ingredient in common cold preparations.

Target: **Histamine Receptor**
Effect: **Antagonist**
(CAS No. : 147-24-0)

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