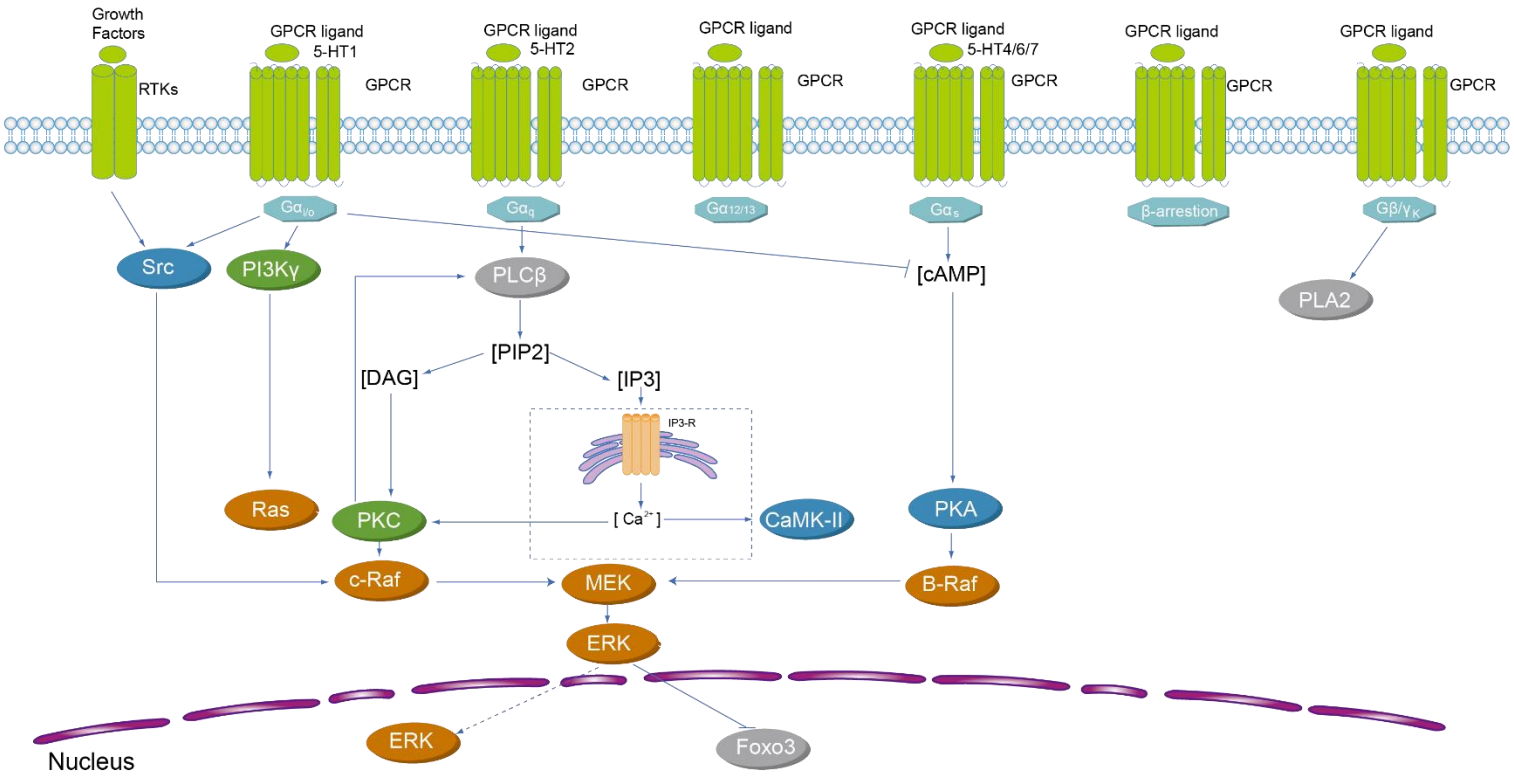
インヒビターやアゴニスト、モジュレーターを幅広く供給

MCE® MedChem Express

GPCR/Gタンパク 関連化合物



●Gタンパク結合受容体(GPCR)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。

●創薬やスクリーニングの対象になりやすい
GPCRに関する様々な生理活性化合物を提供。

●GPCRをはじめ、5-HT受容体、CasR、エンドセリン、CGRPなど
様々な標的に対する活性物質を提供。

●高純度を保証するためにNMRおよびHPLCにより分析。

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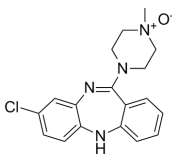
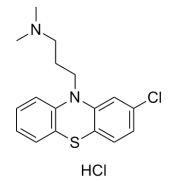
GPCR/Gタンパク 関連化合物
～GPCR/G Protein～

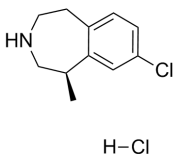
MCE MedChem Express



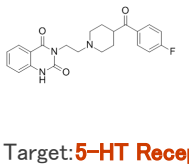
HY-17366
Clozapine N-oxide
Clozapine N-oxide is a major metabolite of Clozapine noted to decrease SR-2A (5-HT2 serotonin receptor) density in vitro.
Target: 5-HT Receptor
Effect: Antagonist
(CAS No. : 34233-69-7)



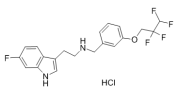
HY-B0407A
Chlorpromazine hydrochloride
Chlorpromazine Hydrochloride is an antagonist of the dopamine D2 receptors, 5-HT2A receptors, potassium channel, sodium channel, with Ki of 363 nM and 8.3 nM for dopamine D2 receptor and serotonin 5-HT2A receptor, respectively.
Target: 5-HT Receptor
Effect: Antagonist
(CAS No. : 69-09-0)



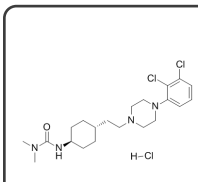
HY-15368
Lorcaserin Hydrochloride
Lorcaserin (Hydrochloride) is a selective full agonist of human 5-HT2C receptor with Ki of 15 nM.
Target: 5-HT Receptor
Effect: Agonist
(CAS No. : 846589-98-8)



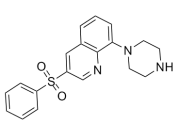
HY-10562
Ketanserin
Ketanserin is a selective 5-HT receptor antagonist.
Target: 5-HT Receptor
Effect: Antagonist
(CAS No. : 74050-98-9)



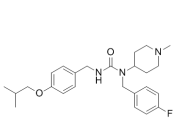
HY-14338A
Lu AE58054 Hydrochloride
Lu AE58054 hydrochloride is an in-vitro potency and selectivity, in-vivo binding affinity and effect of the 5-HT(6)R antagonist with a Ki value of 0.83 nM.
Target: 5-HT Receptor
Effect: Antagonist
(CAS No. : 467458-02-2)



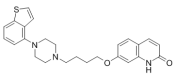
HY-14763A
Cariprazine hydrochloride
Cariprazine hydrochloride is a novel antipsychotic drug candidate that exhibits high affinity for the D3 (Ki=0.085 nM) and D2 (Ki=0.49 nM) receptors, and moderate affinity for the 5-HT1A receptor (Ki=2.6 nM).
Target: 5-HT Receptor
Effect: Modulator
(CAS No. : 1083076-69-0)



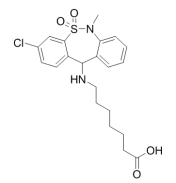
HY-14339
SB-742457
SB742457 is a highly selective 5-HT6 receptor antagonist with pKi of 9.63; exhibits >100-fold selectivity over other receptors.
Target: 5-HT Receptor
Effect: Antagonist
(CAS No. : 607742-69-8)



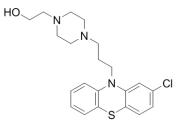
HY-14557
Pimavanserin
Pimavanserin is a potent 5-hydroxytryptamine (5-HT) 2A receptor inverse agonist, displays potent inverse agonist activity in the cell-based functional assay receptor selection and amplification technology (R-SAT), with a mean pIC50 of 8.7.
Target: 5-HT Receptor
Effect: Agonist
(CAS No. : 706779-91-1)



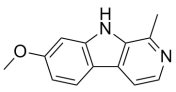
HY-15780
Brexpiprazole
Brexpiprazole is a potent partial agonist at human 5-hydroxytryptamine (5-HT) 5-HT1A (Ki=0.12 nM) and dopamine D2L (Ki=0.3 nM) receptors, and an antagonist at 5-HT2A receptors (Ki=0.47 nM).
Target: 5-HT Receptor
Effect: Modulator
(CAS No. : 913611-97-9)



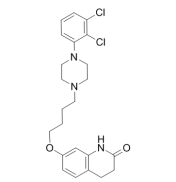
HY-90003
Tianeptine
Tianeptine is a selective facilitator of 5-HT uptake in vitro and in vivo.
Target: 5-HT Receptor
Effect: Agonist
(CAS No. : 72797-41-2)



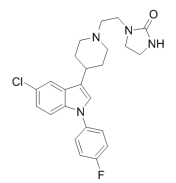
HY-A0077
Perphenazine
Perphenazine is a typical antipsychotic drug, inhibits 5-HT2A receptor (5-HT2A), Alpha-1A adrenergic receptor (α1A), Dopamine receptor D2/D3, D2L receptor, and Histamine H1 receptor (H1) with Ki of 5.6, 10, 0.765/0.13, 3.4, and 8 nM.
Target: 5-HT Receptor
Effect: Inhibitor
(CAS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



HY-N0737A
Harmine
Harmine, a tricyclic b-carboline alkaloid that was originally isolated from seeds of Peganum harmala, has been reported to possess anxiolytic, behavioral effects.
Target: 5-HT Receptor
Effect: Inhibitor
(CAS No. : 442-51-3)



HY-14546
Aripiprazole
Aripiprazole(Abilify) is a human 5-HT1A receptor partial agonist with a Ki of 4.2 nM.
Target: 5-HT Receptor
Effect: Agonist
(CAS No. : 129722-12-9)



HY-14543
Sertindole
Sertindole, a neuroleptic, is one of the newer antipsychotic medications available.
Target: 5-HT Receptor
Effect: Antagonist
(CAS No. : 106516-24-9)

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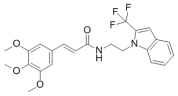
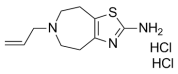
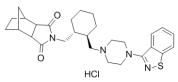


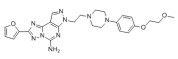
HY-16978
TG6-10-1
TG6-10-1 is an EP2 antagonist, shows low-nanomolar antagonist activity against only EP2, >300-fold selectivity over human EP3, EP4, and IP receptors, 100-fold selectivity over EP1 receptors.
Target:**5-HT Receptor**
Effect: **Antagonist**
(CAS No. : 1415716-58-3)



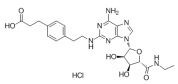
HY-A0008
B-HT 920
B-HT 920(Talipexole 2Hcl) is a dopamine D2 receptor agonist, α2-adrenoceptor agonist and 5-HT3 receptor antagonist, which displays antiParkinsonian activity.
Target:**5-HT Receptor**
Effect: **Antagonist**
(CAS No. : 36085-73-1)



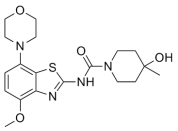
HY-B0032
Lurasidone Hydrochloride
Lurasidone Hcl (SM 13496 Hcl) is an inhibitor of Dopamine D2, 5-HT2A, 5-HT7, 5-HT1A and noradrenaline α2C with IC50 of 1.68 nM, 2.03 nM, 0.495 nM, 6.75 nM and 10.8 nM, respectively.
Target:**5-HT Receptor**
Effect: **Inhibitor**
(CAS No. : 367514-88-3)



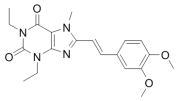
HY-10889
Preladenant
Preladenant is a potent competitive antagonist of the human A2A receptor (Ki=1.1 nM) and has >1000-fold selectivity over all other adenosine receptors.
Target:**Adenosine Receptor**
Effect: **Antagonist**
(CAS No. : 377727-87-2)



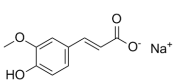
HY-13201A
CGS 21680 Hydrochloride
CGS 21680 Hydrochloride is a specific adenosine A2A receptor agonist, used for treatment of neurological disease.
Target:**Adenosine Receptor**
Effect: **Agonist**
(CAS No. : 124431-80-7)



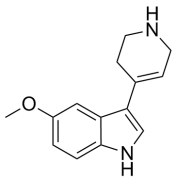
HY-10995
Tozadenant
Tozadenant (SYN-115) is an adenosine A2A receptor antagonist.
Target:**Adenosine Receptor**
Effect: **Antagonist**
(CAS No. : 870070-55-6)



HY-10888
Istradefylline
Istradefylline is a very potent, selective and orally active adenosine A2A receptor antagonist with Ki of 2.2 nM in experimental models of Parkinson's disease.
Target:**Adenosine Receptor**
Effect: **Antagonist**
(CAS No. : 155270-99-8)

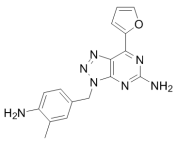


HY-N0060A
Ferulic acid sodium
Ferulic acid (4-hydroxy-3-methoxycinnamic acid) is a phenolic compound present in several plants with claimed beneficial effects in prevention and treatment of disorders linked to oxidative stress and inflammation.
Target:**5-HT Receptor**
Effect: **Activator**
(CAS No. : 24276-84-4)

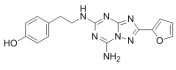


HY-16688
RU 24969
RU 24969 is a selective agonist at the 5-HT1A and 5-HT1B receptors.
Target:**5-HT Receptor**
Effect: **Agonist**
(CAS No. : 66611-26-5)

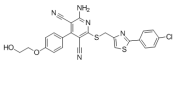
他にも多数の
5-HT Receptor関連化合物
を取扱っています。



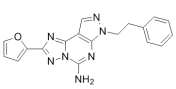
HY-10857
Vipadenant
Vipadenant(BIIB-014) is an adenosine A2a antagonist with Ki of 1.3 nM; less potent for A1(Ki=69 nM).
Target:**Adenosine Receptor**
Effect: **Antagonist**
(CAS No. : 442908-10-3)



HY-19532
ZM241385
ZM 241385 is a novel non-xanthine adenosine receptor antagonist with selectivity for the A2a receptor subtype.
Target:**Adenosine Receptor**
Effect: **Antagonist**
(CAS No. : 139180-30-6)



HY-14917
Capadenoson
Capadenoson is a selective agonist of adenosine-A1 receptor.
Target:**Adenosine Receptor**
Effect: **Agonist**
(CAS No. : 544417-40-5)



HY-19533
SCH 58261
SCH 58261 is the adenosine A2A receptor competitive antagonist. Displays 323-, 53- and 100-fold selectivity over A1, A2B and A3 receptors, respectively.
Target:**Adenosine Receptor**
Effect: **Antagonist**
(CAS No. : 160098-96-4)

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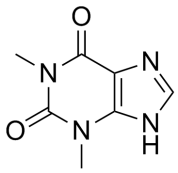
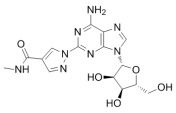
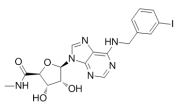


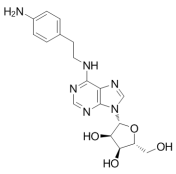
HY-B0809
Theophylline
Theophylline is a methylated xanthine derivative; competitive nonselective phosphodiesterase inhibitor and nonselective adenosine receptor antagonist.
Target:Adenosine Receptor
Effect: Inhibitor
(CAS No. : 58-55-9)



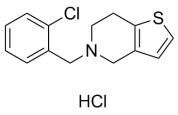
HY-A0168
Regadenoson
Regadenoson is an A2A adenosine receptor agonist that is a coronary vasodilator that is commonly used in pharmacologic stress testing.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 313348-27-5)



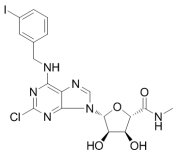
HY-13591
IB-MECA
IB-MECA is an agonist of the adenosine A3 receptor with EC50 values of 0.11 μM.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 152918-18-8)



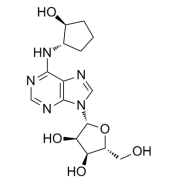
HY-18687
N6-[2-(4-Aminophenyl)ethyl]adenosine
N6-[2-(4-Aminophenyl)ethyl]adenosine is a potent, non-selective A3 adenosine receptor agonist.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 89705-21-5)



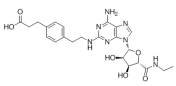
HY-B0153A
Ticlopidine hydrochloride
Ticlopidine hydrochloride is an adenosine diphosphate (ADP) receptor inhibitor against platelet aggregation with IC50 of ~2 μM.
Target:Adenosine Receptor
Effect: Inhibitor
(CAS No. : 53885-35-1)



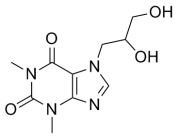
HY-12365
2-Cl-IB-MECA
2-Cl-IB-MECA is a selective A3 adenosine receptor agonist (Ki = 0.33 nM). Displays 2500- and 1400-fold selectivity over A1 and A2A receptors respectively.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 163042-96-4)



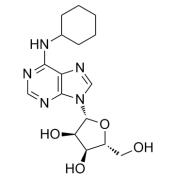
HY-18978
GR79236
GR79236 is a highly potent and selective adenosine A1 receptor agonist (Ki = 3.1 nM) that has analgesic and anti-inflammatory actions in humans and animals.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 124555-18-6)



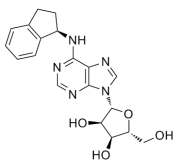
HY-13201
CGS 21680
CGS 21680 is a specific adenosine A2A receptor agonist, used for treatment of neurological disease.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 120225-54-9)



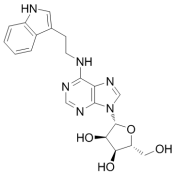
HY-B0128
Diphylline
Dyphylline acts as an adenosine receptor antagonist and phosphodiesterase inhibitor, which is used in the treatment of respiratory disorders.
Target:Adenosine Receptor
Effect: Antagonist
(CAS No. : 479-18-5)



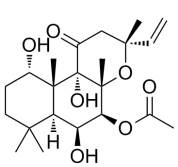
HY-18939
N6-Cyclohexyladenosine
N6-Cyclohexyladenosine is a selective A1 receptor agonist (EC50 = 8.2 nM).
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 36396-99-3)



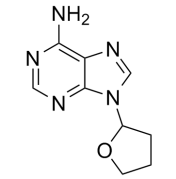
HY-100032
PD 117519
PD 117519 is an adenosine agonist.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 96392-15-3)



HY-18776
A2AR-agonist-1
A2AR-agonist-1 is a potent A2AR and ENT1 agonist with Ki of 4.39 and 3.47 for A2AR and ENT1.
Target:Adenosine Receptor
Effect: Agonist
(CAS No. : 41552-95-8)



HY-15371
Forskolin
Forskolin is a potent adenylate cyclase activator, with binding (IC50=41 nM) to and activation (EC50=0.5 μM) of type I adenylyl cyclase.
Target:Adenylate Cyclase
Effect: Activator
(CAS No. : 66575-29-9)



HY-100396
SQ22536
SQ22536 is an effective adenylate cyclase (AC) inhibitor.
Target:Adenylate Cyclase
Effect: Inhibitor
(CAS No. : 17318-31-9)

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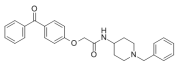
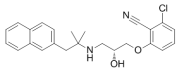
HY-15848
AdipoRon



AdipoRon is a novel AdipoR agonist, binding to both AdipoR1 (Kd=1.8 μM) and AdipoR2 (Kd=3.1 μM).

Target: **Adiponectin Receptor**
Effect: **Agonist**
(CAS No. : 924416-43-3)

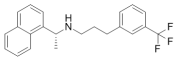
HY-10007
NPS-2143



NPS-2143 is a novel potent and selective antagonist of Ca2+ receptor with IC50 of 43 nM.

Target: **CaSR**
Effect: **Inhibitor**
(CAS No. : 284035-33-2)

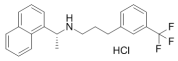
HY-70037
Cinacalcet



Cinacalcet is an orally active, allosteric agonist of Ca receptor (CaR), used for cardiovascular disease treatment.

Target: **CaSR**
Effect: **Agonist**
(CAS No. : 226256-56-0)

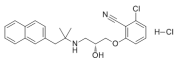
HY-70037A
Cinacalcet hydrochloride



Cinacalcet hydrochloride is an orally active, allosteric agonist of Ca receptor (CaR), used for cardiovascular disease treatment.

Target: **CaSR**
Effect: **Agonist**
(CAS No. : 364782-34-3)

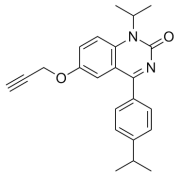
HY-10171
NPS-2143 hydrochloride



NPS-2143(SB 262470A) is a selective potent calcium ion-sensing receptor antagonist with IC50 of 43 and 41 nM for cytoplasmic Ca2+ concentrations and parathyroid hormone secretion, respectively.

Target: **CaSR**
Effect: **Antagonist**
(CAS No. : 324523-20-8)

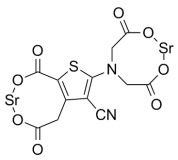
HY-50713
Calcium-Sensing Receptor Antagonists I



Calcium-Sensing Receptor Antagonists I is an antagonist of calcium-sensing parathyroid hormone receptors.

Target: **CaSR**
Effect: **Antagonist**
(CAS No. : 478963-79-0)

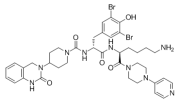
HY-17397
Strontium Ranelate



Strontium ranelate(S12911) stimulates the calcium sensing receptors (CaSR) and leads to the differentiation of pre-osteoblast to osteoblast which increases the bone formation.

Target: **CaSR**
Effect: **Activator**
(CAS No. : 135459-87-9)

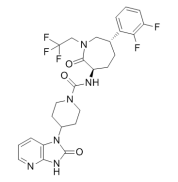
HY-10095
Olcegepant



Olcegepant is the first potent and selective non-peptide antagonist of the calcitonin gene-related peptide 1 (CGRP1) receptor with IC50 of 0.03 nM and with a Ki of 14.4 pM for human CGRP.

Target: **CGRP Receptor**
Effect: **Antagonist**
(CAS No. : 204697-65-4)

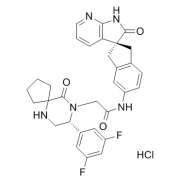
HY-32709
MK-0974



MK-0974(Telcagepant) is a highly potent, selective, and orally bioavailable CGRP receptor antagonist with Ki values of 0.77 nM and 1.2 nM for human and rhesus CGRP receptors respectively; displays >1500-fold lower affinity for the canine and rat receptors.

Target: **CGRP Receptor**
Effect: **Antagonist**
(CAS No. : 781649-09-0)

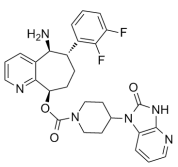
HY-10302
MK-3207 Hydrochloride



MK-3207 is a potent and orally bioavailable CGRP receptor antagonist (IC50= 0.12 nM; Ki value= 0.024 nM); highly selective versus human AM1, AM2, CTR, and AMY3.

Target: **CGRP Receptor**
Effect: **Antagonist**
(CAS No. : 957116-20-0)

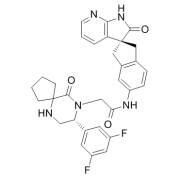
HY-15498
BMS-927711



BMS-927711 is a highly potent, oral calcitonin gene-related peptide (CGRP) receptor antagonist with a Ki value of 0.027 nM.

Target: **CGRP Receptor**
Effect: **Antagonist**
(CAS No. : 1289023-67-1)

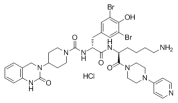
HY-10301
MK-3207



MK-3207 is a potent and orally bioavailable CGRP receptor antagonist (IC50= 0.12 nM; Ki value= 0.024 nM); highly selective versus human AM1, AM2, CTR, and AMY3.

Target: **CGRP Receptor**
Effect: **Antagonist**
(CAS No. : 957118-49-9)

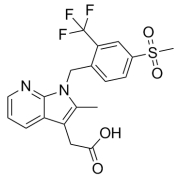
HY-10095A
Olcegepant hydrochloride



Olcegepant hydrochloride is the first potent and selective non-peptide antagonist of the calcitonin gene-related peptide 1 (CGRP1) receptor with IC50 of 0.03 nM and with a Ki of 14.4 pM for human CGRP.

Target: **CGRP Receptor**
Effect: **Antagonist**
(CAS No. : 586368-06-1)

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)

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～GPCR/G Protein～

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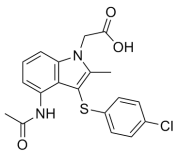
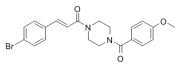
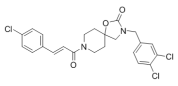


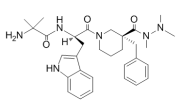
HY-15950
AZD1981
AZD1981 is a potent and selective CRTh2 antagonist; displaces radio-labelled PGD2 from human recombinant DP2 with high potency (pIC50 = 8.4).
Target: **CRTH2 (GPR44)**
Effect: **Antagonist**
(CAS No. : 802904-66-1)



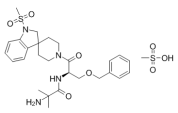
HY-12336
NIBR189
NIBR189 is a small molecule antagonist of the Epstein-Barr virus-induced gene 2 (EBI2; GPR183) receptor with IC50 of 16 nM(Binding) and 11 nM (Functional).
Target: **EBI2/GPR183**
Effect: **Antagonist**
(CAS No. : 1599432-08-2)



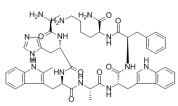
HY-101192
GSK682753A
GSK682753A is a selective and highly potent inverse agonist of the epstein-barr virus-induced receptor 2 (EBI2) with an IC50 of 53.6 nM.
Target: **EBI2/GPR183**
Effect: **Agonist**
(CAS No. : 1334294-76-6)



HY-14734
Anamorelin
Anamorelin is a novel ghrelin receptor agonist with EC50 value of 0.74 nM in the FLIPR assay.
Target: **GHSR**
Effect: **Agonist**
(CAS No. : 249921-19-5)



HY-50844
Ibutamoren Mesylate
Ibutamoren mesylate (MK-0677) is an orally active nonpeptide growth hormone (GH) secretagogue.
Target: **GHSR**
Effect: **Agonist**
(CAS No. : 159752-10-0)



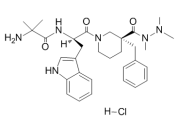
HY-P0166
Alexamorelin
Alexamorelin is a new synthetic heptapeptide which inhibits GHS binding in vitro.
Target: **GHSR**
Effect: **Inhibitor**
(CAS No. : 196808-85-2)

(D-Mrp)-Ala-Trp-(D-Phe)

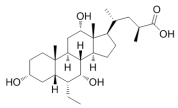
HY-P0166A
Alexamorelin Met 1
Alexamorelin Met 1 is one of the metabolites of alexamorelin.
Target: **GHSR**
Effect: **Inhibitor**

(D-Ala)-(D-beta-Nal)-Ala

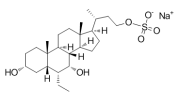
HY-P0169A
GHRP-2 metabolite 1
GHRP-2 metabolite 1 is one of the GHRP-2 metabolites.
Target: **GHSR**
Effect: **Agonist**



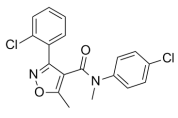
HY-14734A
Anamorelin hydrochloride
Anamorelin hydrochloride is a novel ghrelin receptor agonist with EC50 value of 0.74 nM in the FLIPR assay.
Target: **GHSR**
Effect: **Agonist**
(CAS No. : 861998-00-7)



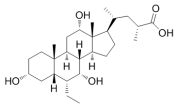
HY-15677
INT-777
INT-777 is a potent TGR5 agonist with EC50 of 0.82 μM.
Target: **GPCR19**
Effect: **Agonist**
(CAS No. : 1199796-29-6)



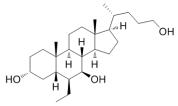
HY-12434
INT-767
INT-767 is a potent agonist for both FXR (mean EC50, 30 nM by PerkinElmer AlphaScreen assay) and TGR5 (mean EC50, 630 nM by time resolved-fluorescence resonance energy transfer).
Target: **GPCR19**
Effect: **Agonist**
(CAS No. : 1000403-03-1)



HY-14229
TGR5 Receptor Agonist
TGR5 Receptor Agonist, a potent TGR5(GPCR19) agonist, showed improved potency in the U2-OS cell assay (pEC50 = 6.8) and in melanophore cells (pEC50 = 7.5).
Target: **GPCR19**
Effect: **Agonist**
(CAS No. : 1197300-24-5)



HY-15677A
INT-777 R-enantiomer
INT-777 R-enantiomer is the R-enantiomer of INT-777, with EC50 of 4.79 μM for TGR5, and less potent than INT-777.
Target: **GPCR19**
Effect: **Agonist**
(CAS No. : 1198786-98-9)



HY-101274
BAR501
BAR501 is a potent and selective agonist of GPBAR1 with an EC50 of 1 μM.
Target: **GPCR19**
Effect: **Agonist**
(CAS No. : 1632118-69-4)

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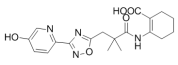
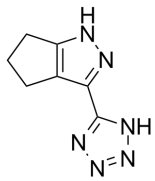
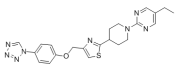


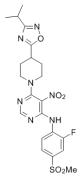
HY-10680
MK-6892
MK-6892 is a potent, selective, and full agonist for the high affinity nicotinic acid (NA) receptor GPR109A.
Target: GPR109A
Effect: Agonist
(CAS No. : 917910-45-3)



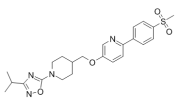
HY-13008
MK-0354
MK-0354 is a partial agonist of GPR109a receptor, for hGPR109a/ mGPR109a with EC50 of 1.65/1.08 μM, showed no activation of GPR109b.
Target: GPR109A
Effect: Agonist
(CAS No. : 851776-28-8)



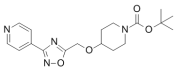
HY-15291
MBX-2982
MBX-2982 is a selective, orally-available G protein-coupled receptor 119 (GPR119) agonist.
Target: GPR119
Effect: Agonist
(CAS No. : 1037792-44-1)



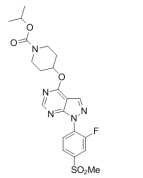
HY-15564
AR 231453
AR231453 is a potent and selective small molecule agonist of GPR119 that enhances glucose-dependent insulin secretion and glucagon-like peptide 1 (GLP-1) release; Antidiabetic agent.
Target: GPR119
Effect: Agonist
(CAS No. : 733750-99-7)



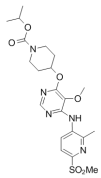
HY-12066
GSK1292263
GSK1292263 is a novel GPR119 receptor agonist used for the treatment of type 2 diabetes.
Target: GPR119
Effect: Agonist
(CAS No. : 1032823-75-8)



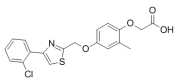
HY-16673
PSN632408
PSN632408 is an optimized agonist of GPR119 receptors that shows similar potency to OEA at both recombinant mouse and human GPR119 receptors, exhibiting EC50 values of 5.6 and 7.9 uM, respectively.
Target: GPR119
Effect: Agonist
(CAS No. : 857652-30-3)



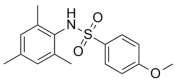
HY-15565
APD668
APD668 is a potent GPR119 agonist with EC50 of 2.7 nM and 33 nM for hGPR119 and ratGPR119 respectively.
Target: GPR119
Effect: Agonist
(CAS No. : 832714-46-2)



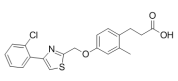
HY-15566
APD597
APD597 is a GPR119 agonist intended for the treatment of type 2 diabetes, with EC50 of 46 nM for hGPR119.
Target: GPR119
Effect: Agonist
(CAS No. : 897732-93-3)



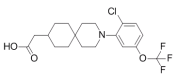
HY-50162
GPR120 modulator 1
GPR120 modulator 1 is useful for modulating G protein-coupled receptor 120 (GPR120).
Target: GPR120
Effect: Modulator
(CAS No. : 1050506-75-6)



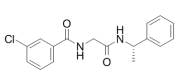
HY-19995
GSK137647A
GSK137647A is a selective FFA4 agonist, with pEC50 of 6.3, 6.2, and 6.1 for human, Mouse and Rat FFA4, respectively.
Target: GPR120
Effect: Agonist
(CAS No. : 349085-82-1)



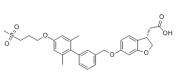
HY-50172
GPR120 modulator 2
GPR120 modulator 2 is useful for modulating G protein-coupled receptor 120 (GPR120).
Target: GPR120
Effect: Modulator
(CAS No. : 1050506-87-0)



HY-101492
GPR120-IN-1
GPR120-IN-1 is a selective Gpr120 agonist with a logEC50 of −7.62.
Target: GPR120
Effect: Agonist
(CAS No. : 1599477-75-4)



HY-19838
JNJ-63533054
JNJ-63533054 is a potent and selective agonist of hGPR139 with an EC50 = 16 nM.
Target: GPR139
Effect: Agonist
(CAS No. : 1802326-66-4)



HY-10480
TAK-875
TAK-875 is a potent, selective and orally bioavailable GPR40 agonist with EC50 of 72 nM.
Target: GPR40
Effect: Activator
(CAS No. : 1000413-72-8)

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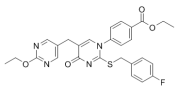
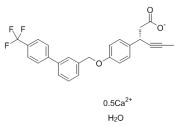
GPCR/Gタンパク 関連化合物
～GPCR/G Protein～

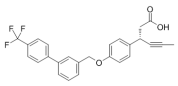
MCE MedChem Express



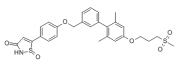
HY-50691
GW-1100
GW-1100 is a selective GPR40 antagonist with a pIC50 6.9.
Target: GPR40
Effect: Antagonist
(CAS No. : 306974-70-9)



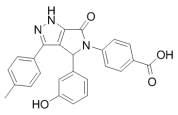
HY-13967B
AMG 837 calcium hydrate
AMG 837 calcium hydrate is a potent GPR40 agonist (EC50=13 nM) with a superior pharmacokinetic profile and robust glucose-dependent stimulation of insulin secretion in rodents.
Target: GPR40
Effect: Agonist
(CAS No. : 1259389-38-2)



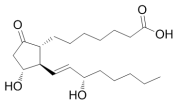
HY-13967
AMG 837
AMG 837 is a potent GPR40 agonist(EC50=13 nM) with a superior pharmacokinetic profile and robust glucose-dependent stimulation of insulin secretion in rodents.
Target: GPR40
Effect: Agonist
(CAS No. : 865231-46-5)



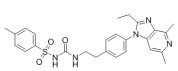
HY-12647
GPR40 Activator 2
GPR40 Activator 2 is a potent GPR40 activator from patents WO 2012147516 A1, WO 2012046869A1 and WO 2011078371 A1.
Target: GPR40
Effect: Activator
(CAS No. : 1312787-30-6)



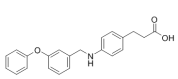
HY-16697
CID 16020046
CID 16020046 is a potent and selective GPR55(LPI receptor) antagonist; inhibitsGPR55 constitutive activity with IC50 of 0.15 uM.
Target: GPR55
Effect: Antagonist
(CAS No. : 834903-43-4)



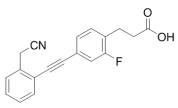
HY-B0131
Prostaglandin E1
Prostaglandin E1 (Alprostadil) is a prostaglandin, which is used in the treatment of erectile dysfunction and has vasodilatory properties.
Target: Prostaglandin Receptor
Effect: Agonist
(CAS No. : 745-65-3)



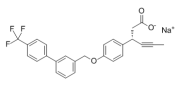
HY-16781
Grapiprant
Grapiprant is a selective EP4 receptor antagonist whose physiological ligand is prostaglandin E2 (PGE2).
Target: Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 415903-37-6)



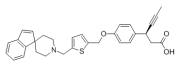
HY-15589
GW9508
GW9508 is a potent and selective agonist for FFA1 (GPR40) with pEC50 of 7.32, 100-fold selective against GPR120, stimulates insulin secretion in a glucose-sensitive manner.
Target: GPR40
Effect: Agonist
(CAS No. : 885101-89-3)



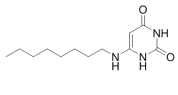
HY-15697
TUG-770
TUG-770 is a highly potent free fatty acid receptor 1 (FFA1/GPR40) agonist with EC50 of 6 nM for hFFA1.
Target: GPR40
Effect: Agonist
(CAS No. : 1402601-82-4)



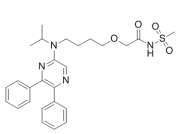
HY-13967A
AMG 837 sodium salt
AMG 837 sodium salt is a potent GPR40 agonist (EC50=13 nM) with a superior pharmacokinetic profile and robust glucose-dependent stimulation of insulin secretion in rodents.
Target: GPR40
Effect: Agonist
(CAS No. : 865231-45-4)



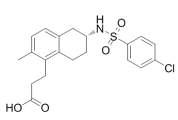
HY-13971
GPR40 Activator 1
GPR40 Activator 1 is a potent GPR40 activator for treatment of type 2 diabetes.
Target: GPR40
Effect: Activator
(CAS No. : 1309435-60-6)



HY-12764
6-OAU
6-OAU(GTPL5846; 6-n-octylaminouracil) is a surrogate agonist of GPR84; activates human GPR84 in the presence of Gqi5 chimera in HEK293 cells with an EC50 of 105 nM in the PI assay.
Target: GPR84
Effect: Agonist
(CAS No. : 83797-69-7)



HY-14870
NS-304
NS-304 is an orally available and potent agonist for the Prostacyclin (PGI2) receptor (IP receptor).
Target: Prostaglandin Receptor
Effect: Agonist
(CAS No. : 475086-01-2)



HY-16991
Terutroban
Terutroban is a thromboxane/prostaglandin endoperoxide receptor antagonist.
Target: Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 165538-40-9)

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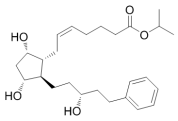
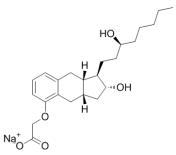
～GPCR/G Protein～

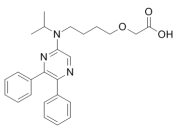
MCE MedChem Express



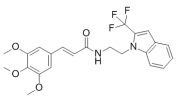
HY-B0577
Latanoprost
Latanoprost is a selective agonist for the FP prostanoid receptor, is used as a powerful antiglaucoma agent.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 130209-82-4)



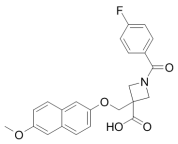
HY-16504
Treprostinil sodium
Treprostinil sodium is a potent DP1 and EP2 agonist with EC50 values of 0.6±0.1 and 6.2±1.2 nM, respectively.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 289480-64-4)



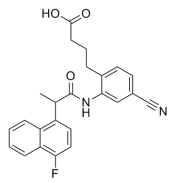
HY-79593
MRE-269
MRE-269 is an active metabolite of selexipag, and acts as a selective IP receptor agonist.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 475085-57-5)



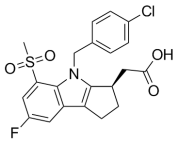
HY-16978
TG6-10-1
TG6-10-1 is an EP2 antagonist, shows low-nanomolar antagonist activity against only EP2, >300-fold selectivity over human EP3, EP4, and IP receptors, 100-fold selectivity over EP1 receptors.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 1415716-58-3)



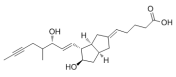
HY-18966
PF-04418948
PF-04418948 is a novel, potent and selective prostaglandin EP2 receptor antagonist with IC50 of 16 nM, displays >2000-fold functional selectivity for the human EP2 receptor over antagonist activity against the human EP1, EP3, EP4, DP1 and CRTH2
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 1078166-57-0)



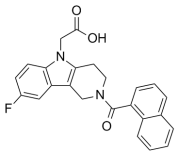
HY-50901
ONO-AE3-208
ONO-AE3-208(AE 3-208) is an EP4 antagonist; suppresses cell invasion, migration, and metastasis of prostate cancer.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 402473-54-5)



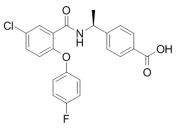
HY-50175
Laropiprant
Laropiprant is a potent, selective DP1 receptor antagonist with Ki value of 0.57 nM, and exhibits > 1,000 fold selectivity over DP2 receptor (Ki=0.75 μM).
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 571170-77-9)



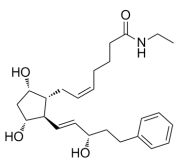
HY-A0096
Iloprost
Iloprost (ZK 36374) is a synthetic analogue of prostacyclin PGI2.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 78919-13-8)



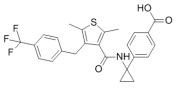
HY-16635
Setipiprant
Setipiprant is an orally available, selective CRTH2 antagonist. CRTH2 is a G protein-coupled receptor for PGD2.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 866460-33-5)



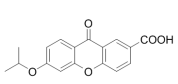
HY-10797
CJ-42794
CJ-42794 is a selective prostaglandin E receptor subtype 4 (EP4) antagonist, inhibits [3H]-PGE2 binding to the human EP4 receptor with a mean pKi of 8.5, a binding affinity that was at least 200-fold more selective for the human EP4 receptor than
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 847728-01-2)



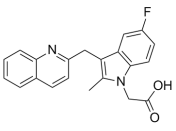
HY-B0191
Bimatoprost
Bimatoprost is a prostaglandin analog used topically (as eye drops) to control the progression of glaucoma and in the management of ocular hypertension.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 155206-00-1)



HY-10413
MK-2894
MK-2894 is a highly potent and selective second generation EP4 antagonist.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 1006036-87-8)



HY-10418
AH 6809
AH 6809 is an EP and DP receptor antagonist with nearly equal affinity for the cloned human EP1, EP2, EP3-III, and DP1 receptors.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 33458-93-4)



HY-15342
OC000459
OC000459 is a potent and selective D prostanoid receptor 2 (DP2) antagonist with IC50 of 13 nM.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 851723-84-7)

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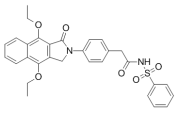
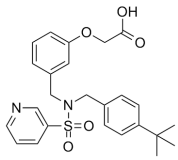
GPCR/Gタンパク 関連化合物
～GPCR/G Protein～

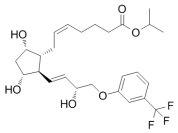
MCE MedChem Express



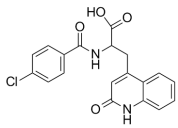
HY-16963
GW627368
GW627368(GW627368X) is a novel, potent and selective competitive antagonist of prostanoid EP4 receptor(Ki= 100 nM) with additional human TP receptor affinity(Ki= 150 nM).
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 439288-66-1)



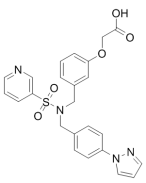
HY-14839
Evatanepag
Evatanepag (CP-533536) is an EP2 receptor selective prostaglandin E2 (PGE2) agonist that induces local bone formation with EC50 of 0.3 nM.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 223488-57-1)



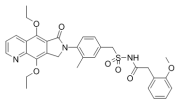
HY-B0584
Travoprost
Travoprost is used to treat glaucoma and ocular hypertension.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 157283-68-6)



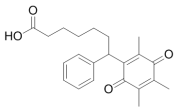
HY-B0360
Rebamipide
Rebamipide is an inducer of endogenous prostaglandin and a oxygen-derived free radical scavenger.
Target:Prostaglandin Receptor
Effect: Activator
(CAS No. : 90098-04-7)



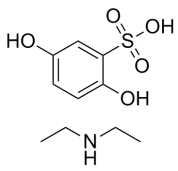
HY-14899
Taprenepag
CP-544326 is a potent and selective prostaglandin E2 receptor agonist (EC50 = 2.8 nM) .
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 752187-80-7)



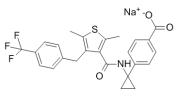
HY-10794
MF498
MF498 is a novel and selective E prostanoid receptor 4 (EP4 receptor) antagonist, displayed strong binding affinity for the EP4 receptor with Ki of 0.7 nM.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 915191-42-3)



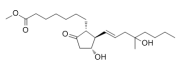
HY-B0774
Seratrodast
Seratrodast(AA 2414) is a potent and selective thromboxane A2 receptor (TP) antagonist.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 112665-43-7)



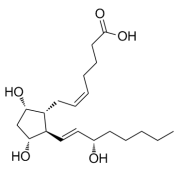
HY-B1074
Ethamsylate
Ethamsylate is a haemostatic drug, also inhibits biosynthesis and action of those prostaglandins.
Target:Prostaglandin Receptor
Effect: Inhibitor
(CAS No. : 2624-44-4)



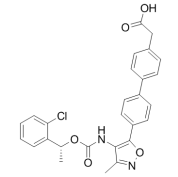
HY-10414
MK-2894 sodium salt
MK-2894 sodium salt is a highly potent and selective second generation EP4 antagonist.
Target:Prostaglandin Receptor
Effect: Antagonist
(CAS No. : 1006036-88-9)



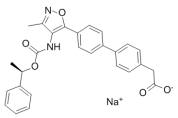
HY-B0610
Misoprostol
Misoprostol(SC29333) is a synthetic prostaglandin E1 (PGE1) analog that is used to prevent gastric ulcers, to treat missed miscarriage, to induce labor, and to induce abortion.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 59122-46-2)



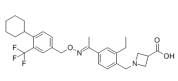
HY-12956
Dinoprost
Dinoprost(Prostaglandin F2α) is a naturally occurring prostaglandin used in medicine to induce labor and as an abortifacient.
Target:Prostaglandin Receptor
Effect: Agonist
(CAS No. : 551-11-1)



HY-15277
AM966
AM966 is a high affinity, selective, oral LPA1-antagonist, inhibits LPA-stimulated intracellular calcium release (IC50=17 nM).
Target:LPL Receptor
Effect: Antagonist
(CAS No. : 1228690-19-4)



HY-16039
AM095
AM095 is a selective LPA1 receptor antagonist.
Target:LPL Receptor
Effect: Antagonist
(CAS No. : 1345614-59-6)



HY-12355
Siponimod
Siponimod(BAF-312) is a potent and selective S1P1 receptor agonist with EC50 of 0.4 nM; >10,000 fold potency for S1P3.
Target:LPL Receptor
Effect: Agonist
(CAS No. : 1230487-00-9)

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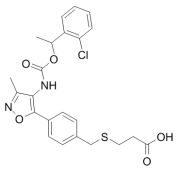
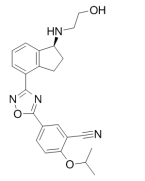
GPCR/Gタンパク 関連化合物
～GPCR/G Protein～

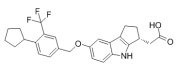
MCE MedChem Express



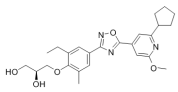
HY-13285
Ki16425
Ki16425 is a competitive, potent and reversible antagonist to LPA1, LPA2 and LPA3 with Ki of 0.34 μM, 6.5 μM and 0.93 μM, respectively, shows no activity at LPA4, LPA5, LPA6.
Target: **LPL Receptor**
Effect: **Antagonist**
(CAS No. : 355025-24-0)



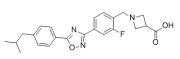
HY-12288
Ozanimod
Ozanimod is a novel, oral, once daily, selective sphingosine 1-phosphate 1 and 5 receptor modulator in development for autoimmune indications including relapsing multiple sclerosis (RMS) and ulcerative colitis (UC).
Target: **LPL Receptor**
Effect: **Antagonist**
(CAS No. : 1306760-87-1)



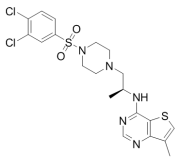
HY-12789
Etrasimod
Etrasimod (APD334) is a potent, selective and orally available antagonist of the sphingosine-1-phosphate -1 (S1P1) receptor with an IC50 value of 1.88 nM in CHO cells.
Target: **LPL Receptor**
Effect: **Antagonist**
(CAS No. : 1206123-37-6)



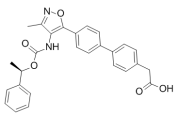
HY-17606
Cenerimod
Cenerimod (ACT-334441) is a potent and orally available sphingosine 1-phosphate 1 receptor (S1P1) agonist extracted from patent WO 2016184939 A1 and WO 2011007324 A1, example 1, with an EC50 of 2.7 nM.
Target: **LPL Receptor**
Effect: **Agonist**
(CAS No. : 1262414-04-9)



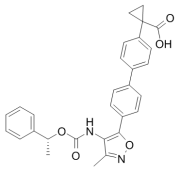
HY-101265
S1p receptor agonist 1
S1p receptor agonist 1 is an S1P receptor agonist extracted from patent WO 2015039587 A1, compound example 2.
Target: **LPL Receptor**
Effect: **Agonist**
(CAS No. : 1514888-56-2)



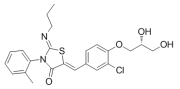
HY-18075
LPA2 antagonist 1
LPA2 antagonist 1 is a LPA2 antagonist with an IC50 of 17 nM.
Target: **LPL Receptor**
Effect: **Inhibitor**
(CAS No. : 1017606-66-4)



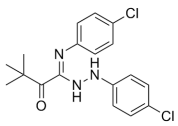
HY-16040
AM095 free acid
AM095 is a potent LPA1 receptor antagonist with IC50 values of 0.98 and 0.73 μM for recombinant human or mouse LPA1 respectively.
Target: **LPL Receptor**
Effect: **Inhibitor**
(CAS No. : 1228690-36-5)



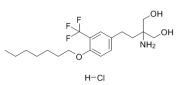
HY-100619
BMS-986020
BMS-986020 is an LPA1 antagonist.
Target: **LPL Receptor**
Effect: **Antagonist**
(CAS No. : 1257213-50-5)



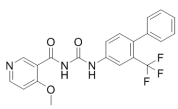
HY-10569
Ponesimod
Ponesimod(ACT-128800) is an orally active, selective sphingosine-1-phosphate receptor 1 (S1P1) immunomodulator.
Target: **LPL Receptor**
Effect: **Agonist**
(CAS No. : 854107-55-4)



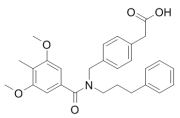
HY-19736
TY-52156
TY-52156 is a potent S1P3 receptor antagonist in a competitive manner, and the Ki value is estimated to be 110 nM for S1P3 receptor.
Target: **LPL Receptor**
Effect: **Antagonist**
(CAS No. : 934369-14-9)



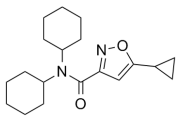
HY-16734A
Amiselimod hydrochloride
Amiselimod hydrochloride is a novel sphingosine 1-phosphate receptor-1 (S1P1) modulator, designed to reduce the bradycardia effects associated with fingolimod and other S1P receptor modulators.
Target: **LPL Receptor**
Effect: **Agonist**
(CAS No. : 942398-84-7)



HY-12835
S1P1 Agonist III
S1P1 Agonist III is a potent and orally active S1P1 agonist with EC50 of 18 nM; no activity on S1P3.
Target: **LPL Receptor**
Effect: **Agonist**
(CAS No. : 1324003-64-6)



HY-100882
ONO-7300243
ONO-7300243 is a novel, potent lysophosphatidic acid receptor 1 (LPA1) antagonist with IC50 of 0.16 μM.
Target: **LPL Receptor**
Effect: **Antagonist**
(CAS No. : 638132-34-0)



HY-101419
CYM-5541
CYM-5541 (ML249) is an selective and allosteric S1P3 receptor agonist with an EC50 between 72 and 132 nM.
Target: **LPL Receptor**
Effect: **Agonist**
(CAS No. : 945128-26-7)

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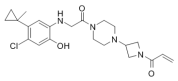
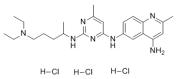
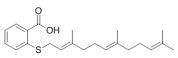
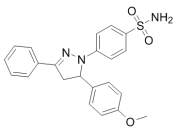
～GPCR/G Protein～

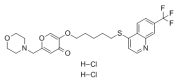
MCE MedChem Express

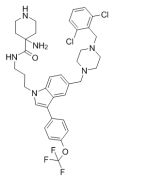
HY-19706
ARS-853

ARS-853 is a selective, covalent KRASG12C inhibitor with IC50 of 2.5 μM.
Target: RAS
Effect: Inhibitor
(CAS No. : 1629268-00-3)

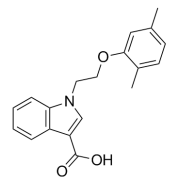
HY-15723A
NSC 23766 trihydrochloride

NSC 23766 trihydrochloride is a specific inhibitor of the binding and activation of Rac GTPase, used for cancer treatment.
Target: RAS
Effect: Inhibitor
(CAS No. : 1177865-17-6)

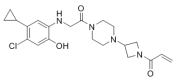
HY-14754
Salirasib

Salirasib is a potent and competitive prenylated protein methyltransferase (PPMTase) inhibitor with Ki of 2.6 μM, which inhibits Ras methylation.
Target: RAS
Effect: Inhibitor
(CAS No. : 162520-00-5)

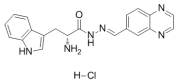
HY-12755
ML141

ML141(CID-2950007) is a potent, selective and reversible non-competitive inhibitor of Cdc42 GTPase(IC50=200 nM) with low micromolar potency and selectivity against other members of the Rho family of GTPases (Rac1, Rab2, Rab7).
Target: RAS
Effect: Inhibitor
(CAS No. : 71203-35-5)

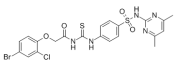
HY-16659
EHT 1864

EHT 1864 is a small molecule inhibitor of Rac1 signaling; modulate γ-Secretase-mediated APP processing.
Target: RAS
Effect: Inhibitor
(CAS No. : 754240-09-0)

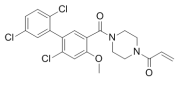
HY-101295
Pan-RAS-IN-1

Pan-RAS-IN-1 is a pan-Ras inhibitor that disrupts the interaction of Ras proteins and their effectors.
Target: RAS
Effect: Inhibitor
(CAS No. : 1835283-94-7)

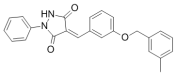
HY-19800
ML-098

ML-098 (CID-7345532) is an activator of the GTP-binding protein Rab7 with an EC50 of 77.6 nM.
Target: RAS
Effect: Activator
(CAS No. : 878978-76-8)

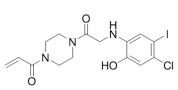
HY-18605
K-Ras G12C-IN-2

K-Ras G12C-IN-2 is a novel and irreversible inhibitor of mutant K-ras G12C.
Target: RAS
Effect: Inhibitor
(CAS No. : 1629267-75-9)

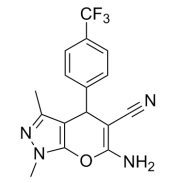
HY-12646
Rhosin hydrochloride

Rhosin Hcl is a specific Rho inhibitor; binds to WT RhoA with an affinity ~0.4 uM Kd; does not interfere with the binding of Cdc42 or Rac1.
Target: RAS
Effect: Inhibitor
(CAS No. : 1281870-42-5)

HY-13963
ZCL278

ZCL278 is a selective Cdc42 modulator that directly binds to Cdc42 and inhibits its functions with Kd of 11.4 μM for Cdc42-ZCL278 affinity in surface plasmon resonance (SPR) experiment.
Target: RAS
Effect: Inhibitor
(CAS No. : 587841-73-4)

HY-18606
K-Ras G12C-IN-3

K-Ras G12C-IN-3 is a novel and irreversible inhibitor of mutant K-ras G12C.
Target: RAS
Effect: Inhibitor
(CAS No. : 1629268-19-4)

HY-12649
Y16

Y16 is an inhibitor of G-protein-coupled Rho GEFs; works synergistically with Rhosin/G04 in inhibiting LARG-RhoA interaction, RhoA activation, and RhoA-mediated signaling functions.
Target: RAS
Effect: Inhibitor
(CAS No. : 429653-73-6)

HY-18707
K-Ras(G12C) inhibitor 12

K-Ras(G12C) inhibitor 12 is a K-Ras(G12C) inhibitor, the half-maximum effective concentration (EC50) for K-Ras(G12C) inhibitor 12 in H1792 cells is 0.32 μM.
Target: RAS
Effect: Inhibitor
(CAS No. : 1469337-95-8)

HY-12875
BQU57

BQU57 shows selective inhibition for Ral relative to Ras or Rho and inhibit xenograft tumor growth similar to depletion of Ral by siRNA. The IC50 for BQU57 of 2.0 μM in H2122 and 1.3 μM in H358.
Target: RAS
Effect: Inhibitor
(CAS No. : 1637739-82-2)

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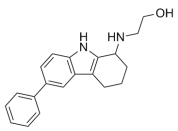
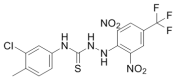
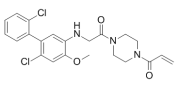
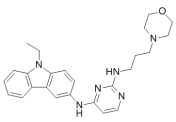
～GPCR/G Protein～

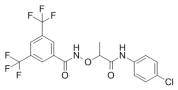
MCE MedChem Express

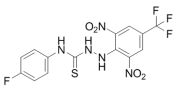
HY-12874
CASIN
CASIN is a selective GTPase Cdc42 inhibitor with IC50 of 2 uM.

Target: RAS
Effect: Inhibitor
(CAS No. : 425399-05-9)

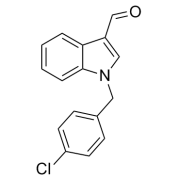
HY-15716
Kobe0065
Kobe0065 is a novel and effective small-molecule compound inhibiting Ras-Raf interaction by SBDD; exhibits potent activity to competitively inhibit the binding of H-Ras·GTP to c-Raf-1 RBD with a Ki value of 46 ± 13 μM.

Target: RAS
Effect: Inhibitor
(CAS No. : 436133-68-5)

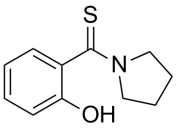
HY-18604
K-Ras G12C-IN-1
K-Ras G12C-IN-1 is a novel and irreversible inhibitor of mutant K-ras G12C.

Target: RAS
Effect: Inhibitor
(CAS No. : 1629265-17-3)

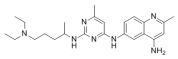
HY-12810
EHop-016
EHop-016 is a novel potent and selective inhibitor of Rac GTPase; inhibits Rac1 activity in MDA-MB-435 cells with an IC50 of 1.1 uM.

Target: RAS
Effect: Inhibitor
(CAS No. : 1380432-32-5)

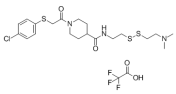
HY-13991
CCG-1423
CCG-1423 is a novel inhibitor of RhoA/C-mediated gene transcription that is capable of inhibiting invasion of PC-3 prostate cancer cells in a Matrigel model of metastasis.

Target: RAS
Effect: Inhibitor
(CAS No. : 285986-88-1)

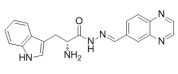
HY-15717
kobe2602
kobe2602 is a novel and effective small-molecule compound inhibiting Ras-Raf interaction by SBDD; exhibits potent activity to competitively inhibit the binding of H-Ras·GTP to c-Raf-1 RBD with a Ki value of 149 ± 55 μM.

Target: RAS
Effect: Inhibitor
(CAS No. : 454453-49-7)

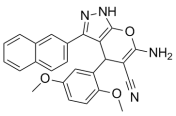
HY-16662
Oncrasin-1
Oncrasin-1 is a potent and effective anticancer inhibitor that kills various human lung cancer cells with K-Ras mutations at low or submicromolar concentrations; also led to abnormal aggregation of PKC ι in nucleus of sensitive cells but not in

Target: RAS
Effect: Inhibitor
(CAS No. : 75629-57-1)

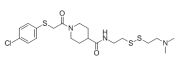
HY-18674
K-Ras-IN-1
K-Ras-IN-1 is a K-Ras inhibitor, by binding to K-Ras in a hydrophobic pocket that is occupied by Tyr-71 in the apo-Ras crystal structure.(the detailed information refer to the reference)

Target: RAS
Effect: Inhibitor
(CAS No. : 84783-01-7)

HY-15723
NSC 23766
NSC 23766 is a specific inhibitor of the binding and activation of Rac GTPase, used for cancer treatment.

Target: RAS
Effect: Inhibitor
(CAS No. : 733767-34-5)

HY-12408A
6H05 trifluoroacetate
6H05 trifluoroacetate is a selective, and allosteric inhibitor of oncogenic mutant K-Ras(G12C).

Target: RAS
Effect: Inhibitor

HY-12646A
Rhosin
Rhosin is a specific Rho inhibitor; binds to WT RhoA with an affinity ~0.4 uM Kd; does not interfere with the binding of Cdc42 or Rac1.

Target: RAS
Effect: Inhibitor
(CAS No. : 1173671-63-0)

HY-12873
RBC8
RBC8 is a novel small molecule inhibitor of Ral GTPase; has IC50 of 3.5 μM in H2122 cell and 3.4 μM in H358 cell.

Target: RAS
Effect: Inhibitor
(CAS No. : 361185-42-4)

HY-12408
6H05
6H05 is a selective, and allosteric inhibitor of oncogenic mutant K-Ras(G12C).

Target: RAS
Effect: Inhibitor
(CAS No. : 1469338-01-9)

他にも多数の
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