Neuropeptide Y Receptor

NPY receptor

Neuropeptide Y receptors belong G protein-coupled receptor superfamily and comprise various subtypes. There are currently five cloned NPY receptor subtypes in mammals, termed Y1, Y2, Y4, Y5, and Y6. Neuropeptide Y receptors mediate a variety of physiological responses including feeding and vasoconstriction.

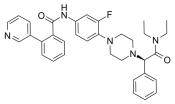
Subtypes Y1, Y2, Y4 and Y5 are expressed in humans. They are present mainly in the central and peripheral nervous systems as well as other tissues, such as the cardiovascular system. Their physiologic ligands are the neurotransmitter Neuropeptide Y and the 2 hormones peptide YY (PYY) and pancreatic polypeptide (PP).

Neuropeptide Y and its receptors regulate important biological and pathophysiological functions, such as blood pressure, neuroendocrine secretions, seizures, neuronal excitability and neuroplasticity.

(R)-JNJ-31020028

Cat. No.: HY-107479

(R)-JNJ-31020028 is a high affinity, selective brain penetrant **neuropeptide Y Y2 receptor** antagonist, with **pIC$_{50}$** values of 8.07, 8.22 and 8.21 for human, rat, and mouse Y2 receptor, respectively.

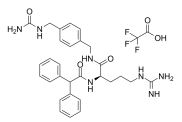


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

BIBO3304 TFA

Cat. No.: HY-107725

BIBO3304 TFA is a potent, orally active, and selective **neuropeptide Y (NPY) Y1 receptor** antagonist, with subnanomolar affinity for both the human and the rat Y1 receptor (**IC$_{50}$**=0.38 and 0.72 nM, respectively).

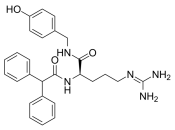


Purity: 99.95%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg

BIBP3226

Cat. No.: HY-107726A

BIBP3226 is a potent and selective neuropeptide Y Y1 **(NPY Y1)** and neuropeptide FF **(NPFF) receptor** antagonist, with **K$_i$**s of 1.1, 79, and 108 nM for rNPY Y1, hNPFF2, and rNPFF, respectively. BIBP3226 displays anxiogenic-like effect.

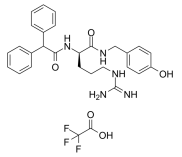


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

BIBP3226 TFA

Cat. No.: HY-107726

BIBP3226 TFA is a potent and selective neuropeptide Y Y1 **(NPY Y1)** and neuropeptide FF **(NPFF) receptor** antagonist, with **K$_i$**s of 1.1, 79, and 108 nM for rNPY Y1, hNPFF2, and rNPFF, respectively. BIBP3226 TFA displays anxiogenic-like effect.



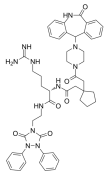
Purity: 98.09%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg

BIIE-0246

(AR-H 053591)

Cat. No.: HY-101986

BIIE-0246 is a potent and highly selective **non-peptide neuropeptide Y (NPY) Y$_2$** receptor antagonist, with an **IC$_{50}$** of 15 nM.

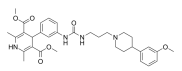


Purity: ≥99.0%
Clinical Data: No Development Reported
Size: 1 mg

BMS-193885

Cat. No.: HY-120619

BMS-193885 is a potent, selective, competitive, and brain penetrant **neuropeptide Y$_1$ receptor** antagonist with a **K$_i$** of 3.3 nM, and has an **IC$_{50}$** of 5.9 nM for hY$_1$, which displays > 100, > 160, > 160 and > 160-fold selectivity over α_1, hY$_2$, hY$_4$ and hY$_5$ receptors, respectively .



Purity: 99.08%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

CART(55-102)(human) TFA

Cat. No.: HY-P1304A

CART(55-102)(human) TFA is a human satiety factor with potent appetite-suppressing activity. CART(55-102)(human) TFA is closely associated with leptin and neuropeptide Y.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

CART(55-102)(rat) TFA

Cat. No.: HY-P1305A

CART(55-102)(rat) TFA is a rat satiety factor with potent appetite-suppressing activity. CART(55-102)(rat) TFA is closely associated with leptin and neuropeptide Y. CART(55-102)(rat) TFA can induces anxiety and stress-related behavior.

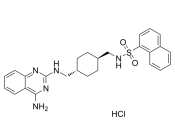
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

CGP71683 hydrochloride

(CGP71683A)

Cat. No.: HY-107723

CGP71683 hydrochloride is a competitive **neuropeptide Y5 receptor** antagonist with a **K$_i$** of 1.3 nM, and shows no obvious activity at Y1 receptor (**K$_i$**, >4000 nM) and Y2 receptor (**K$_i$**, 200 nM) in cell membranes.

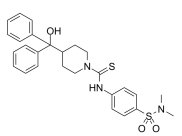


Purity: 99.12%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

CYM 9484

Cat. No.: HY-107735

CYM 9484 is a selective and highly potent **neuropeptide Y (NPY) Y2 receptor** antagonist with an **IC$_{50}$** value of 19 nM.



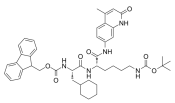
Purity: ≥99.0%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

Tel: 609-228-6898 Fax: 609-228-5909 Email: sales@MedChemExpress.com

CYM2503

Cat. No.: HY-123671

CYM2503 is a putative GalR2-positive allosteric modulator. CYM2503 increases the latency to first electrographic seizure and decreases the total time in seizure. CYM2503 also attenuates electroshock-induced seizures in mice.

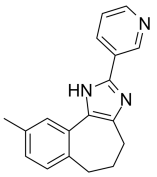


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

FR252384

Cat. No.: HY-U00335

FR252384 is a **neuropeptide Y-Y5 receptor** antagonist, with an IC_{50} of 2.3 nM.



Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Galanin (1-16), mouse, porcine, rat

Cat. No.: HY-P1578

Galanin (1-16), mouse, porcine, rat is an agonist of the hippocampal **galanin receptor**, with a K_d of 3 nM.

GWTLNSAGYLLGPHAI

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Galanin (1-16), mouse, porcine, rat TFA

Cat. No.: HY-P1578A

Galanin (1-16), mouse, porcine, rat (TFA) is an agonist of the hippocampal **galanin receptor**, with a K_d of 3 nM.

GWTLNSAGYLLGPHAI (TFA salt)

Purity: 99.39%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Galanin (1-29)(rat, mouse)

Cat. No.: HY-P1132

Galanin (1-29)(rat, mouse) is a non-selective **galanin receptor** agonist, with K_is of 0.98, 1.48 and 1.47 nM for GAL1, GAL2 and GAL3 respectively. Anticonvulsant effect.

GWTLNSAGYLLGPHAIDNHRSFSDKHGLT-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Galanin (1-29)(rat, mouse) TFA

Cat. No.: HY-P1132A

Galanin (1-29)(rat, mouse) TFA is a non-selective **galanin receptor** agonist, with K_is of 0.98, 1.48 and 1.47 nM for GAL1, GAL2 and GAL3, respectively. Anticonvulsant effect.

GWTLNSAGYLLGPHAIDNHRSFSDKHGLT-NH_2 (TFA salt)

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Galanin (1-30), human

Cat. No.: HY-P1127

Galanin (1-30), human is a 30-amino acid neuropeptide, and acts as an agonist of **GalR1 and GalR2 receptors**, with K_is of both 1 nM.

GWTLNSAGYLLGPHAVGNHRSFSDKNGLTS

Purity: 99.11%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Galanin Receptor Ligand M35

Cat. No.: HY-P1840

Galanin Receptor Ligand M35 is a high-affinity ligand and antagonist of **galanin receptor** (K_d=0.1 nM). Galanin Receptor Ligand M35 exerts a K_i values of 0.11 and 2.0 nM for human galanin receptor type 1 and 2, respectively.

GWTLNSAGYLLGPPPGFSPFR-NH2

Purity: 99.65%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Galanin Receptor Ligand M35 TFA

Cat. No.: HY-P1840A

Galanin Receptor Ligand M35 TFA is a high-affinity ligand and antagonist of **galanin receptor** (K_d=0.1 nM). Galanin Receptor Ligand M35 TFA exerts a K_i values of 0.11 and 2.0 nM for human galanin receptor type 1 and 2, respectively.

GWTLNSAGYLLGPPPGFSPFR-NH2 (TFA salt)

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Galantide

Cat. No.: HY-P0262

Galantide, a non-specific **galanin receptor** antagonist, is a peptide consisting of fragments of galanin and substance P. Galantide recognizes two classes of galanin binding sites (K_D<0.1 nM and ~6 nM) in the rat hypothalamus.

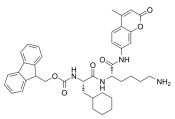
GWTLNSAGYLLGPQQFFGLM-NH_2

Purity: 99.27%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Galnon

Cat. No.: HY-103536

Galnon is a selective and non-peptide agonist of **galanin GAL1** and **GAL2 receptor**, with K_is of 11.7 and 34.1 μM respectively. Galnon exhibits anticonvulsant and anxiolytic effects.



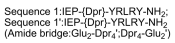
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

GR231118

(1229U91; GW1229)

Cat. No.: HY-P1321

GR231118, an analogue of the C-terminus of neuropeptide Y, is a potent , competitive and relative seletive antagonist at human **neuropeptide Y Y receptor** with a **pK_i** of 10.4.



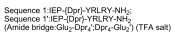
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

GR231118 TFA

(1229U91 TFA; GW1229 TFA)

Cat. No.: HY-P1321A

GR231118 TFA, an analogue of the C-terminus of neuropeptide Y, is a potent , competitive and relative seletive antagonist at human **neuropeptide YY receptor** with a **pK_i** of 10.4.



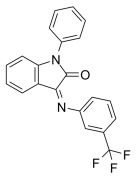
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

HT-2157

(SNAP 37889)

Cat. No.: HY-100717

HT-2157 (SNAP 37889) is a selective, high-affinity, competitive antagonists of **galanin-3 receptor** (**Gal$_3$**).

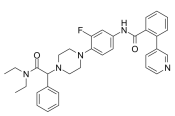


Purity: ≥98.0%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg, 50 mg, 100 mg

JNJ-31020028

Cat. No.: HY-14450

JNJ-31020028 is a selective brain penetrant antagonist of neuropeptide Y2 receptor with high affinity (pIC50=8.07, human; pIC50=8.22 rat); >100-fold selective versus human Y1/Y4/Y5 receptors.

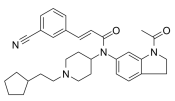


Purity: 98.62%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

JNJ-5207787

Cat. No.: HY-107732

JNJ-5207787 is a nonpeptidic, selective and penetrate the blood-brain barrier **neuropeptide Y Y_2 receptor (Y_2)** antagonist. JNJ-5207787 inhibits the binding of peptide YY (PYY) with **pIC_{50}**s of 7.0 and 7.1 for human Y_2 receptor and rat Y_2 receptor, respectively.

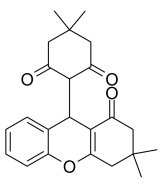


Purity: ≥98.0%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

L 152804

Cat. No.: HY-107734

L 152804 is an orally active and selective **neuropeptide Y Y5 receptor (NPY5-R)** antagonist, with a K_i of 26 nM for **hY5**. L 152804 causes weight loss in diet-induced obese mice by modulating food intake and energy expenditure.

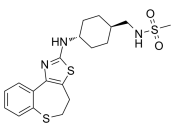


Purity: 99.73%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Lu AA33810

Cat. No.: HY-107729

Lu AA33810 is a potent and selective antagonist of **neuropeptide Y5 receptor** with a K_i of 1.5 nM for the human receptor. Lu AA33810 exhibits antianxiolytic-like and antidepressant-like effects.



Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

M1145

Cat. No.: HY-P1135

M1145, a chimeric peptide, is a selective **galanin receptor type 2 (GAL2)** agonist, with a K_i of 6.55 nM. M1145 shows more than 90-fold higher affinity for GAL2 over GAL1 (K_i=587 nM) and a 76-fold higher affinity over GalR3 (K_i=497 nM).

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

M1145 TFA

Cat. No.: HY-P1135A

M1145 TFA, a chimeric peptide, is a selective **galanin receptor type 2 (GAL2)** agonist, with a K_i of 6.55 nM. M1145 TFA shows more than 90-fold higher affinity for GAL2 over GAL1 (K_i=587 nM) and a 76-fold higher affinity over GalR3 (K_i=497 nM).

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Tel: 609-228-6898 Fax: 609-228-5909 Email: sales@MedChemExpress.com

M40

Cat. No.: HY-P1025

M40 is a potent, non-selective **galanin receptor** antagonist.

GWTLNSAGYLLGPPPALALA-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg, 10 mg

M617

Cat. No.: HY-P1131

M617 is a selective galanin receptor 1 **(GAL1)** agonist, with K_is of 0.23 and 5.71 nM for GAL1 and GAL2, respectively. M617, acting through its central GAL1, can promote GLUT4 expression and enhance GLUT4 content in the cardiac muscle of type 2 diabetic rats.

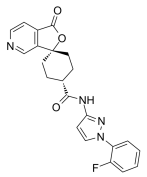
GWTLNSAGYLLGPQPPGFSPFR-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

MK-0557

Cat. No.: HY-15411

MK-0557 is a highly selective, orally available neuropeptide **Y5** receptor antagonist with a K_i of 1.6 nM.



Purity: 99.76%
Clinical Data: Phase 3
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg

Neuropeptide S(Mouse)

Cat. No.: HY-P1437

Neuropeptide S (Mouse) is a bioactive peptide. Neuropeptide S (Mouse), as a neurotransmitter/neuromodulator of 20 amino acids, can be used for the research of arousal, anxiety, locomotion, feeding behaviors, memory and drug addiction.

SFRNGVGSGAKKTSFRRAKQ

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide S(Mouse) TFA

Cat. No.: HY-P1437A

Neuropeptide S(Mouse) TFA is a potent endogenous neuropeptide S receptor (NPSR) agonist (EC_{50}=3 nM). Neuropeptide S(Mouse) TFA induces mobilization of intracellular Ca^{2+}. Neuropeptide S(Mouse) TFA increases locomotor activity and wakefulness in mice.

SFRNGVGSGAKKTSFRRAKQ (TFA salt)

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide S(Rat)

Cat. No.: HY-P1438

Neuropeptide S (Rat) is an endogenous ligand of a previously orphan G-protein-coupled receptor now named NPS receptor. Neuropeptide S (Rat) can be used for the research of nervous system disease.

SFRNGVGSGVKKTSFRRAKQ

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide S(Rat) TFA

Cat. No.: HY-P1438A

Neuropeptide S(Rat) TFA is a potent endogenous neuropeptide S receptor (NSPR) agonist (EC_{50}=3.2 nM). Neuropeptide S(Rat) TFA increases locomotor activity and wakefulness in mice. Neuropeptide S(Rat) TFA also reduces anxiety-like behavior in mice.

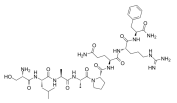
SFRNGVGSGVKKTSFRRAKQ (TFA salt)

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide SF(mouse,rat)

Cat. No.: HY-P1249

Neuropeptide SF (mouse,rat) is a potent **neuropeptide FF receptor** agonist with K_i values are 48.4 nM and 12.1 nM for NPFF1 and NPFF2, respectively.

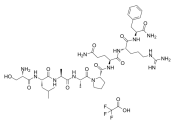


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide SF(mouse,rat) TFA

Cat. No.: HY-P1249A

Neuropeptide SF (mouse,rat) TFA is a potent **neuropeptide FF receptor** agonist with K_i values are 48.4 nM and 12.1 nM for NPFF1 and NPFF2, respectively.



Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide Y (13-36), amide, human

(Neuropeptide Y (13-36), human)

Cat. No.: HY-P1480

Neuropeptide Y (13-36), amide, human is a selective **neuropeptide Y_2 receptor** agonist.

PAEDMARYYSALRHYINLITRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Neuropeptide Y (22-36)

Cat. No.: HY-P1818

Neuropeptide Y (22-36), a 15 amino acid peptide, is a fragment of Neuropeptide Y. Neuropeptide Y (22-36) acts on Y_2 receptor and retains subnanomolar affinity for the Y_2 receptor.

SALRHYINLITRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide Y (3-36) (human, rat)

Cat. No.: HY-P2543

Neuropeptide Y (3-36) (human, rat), a neuropeptide Y (NPY) metabolite formed from dipeptidyl peptidase-4 (DPP4), is a selective **Y2 receptor** agonist. Neuropeptide Y (3-36) (human, rat) is a NPY metabolite formed from dipeptidyl peptidase-4 (DPP4).

SKPDNPGEDAPAEDMARYYSALRHYINLITRQRY-NH_2

Purity: 95.28%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Neuropeptide Y (human)

Cat. No.: HY-P0198

Neuropeptide Y (human) is involved in Alzheimer's disease (AD) and protects rat cortical neurons against β-Amyloid toxicity.

YPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide Y (human) (TFA)

Cat. No.: HY-P0198A

Neuropeptide Y (human) TFA is involved in Alzheimer's disease (AD) and protects rat cortical neurons against β-Amyloid toxicity.

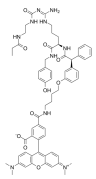
YPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRY-NH_2 (TFA salt)

Purity: 98.84%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide Y Y1 receptor antagonist 1

Cat. No.: HY-144603

Neuropeptide Y Y1 receptor antagonist 1 (compound 39), a fluorescent probe, is a potent antagonist of neuropeptide Y^1 receptor (Y^1R), with a K_i of 0.19 nM.



Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neuropeptide Y(29-64)

Cat. No.: HY-P1601

Neuropeptide Y(29-64) is a 36 amino acid peptide, a fragment of Neuropeptide Y.

YPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRY

Purity: 99.47%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Pancreatic Polypeptide, bovine

Cat. No.: HY-P1537

Pancreatic Polypeptide, bovine, a 36-amino acid, straight chain polypeptide derived primarily from the pancreas, inhibits secretin- and cholecystokinin-stimulated pancreatic secretion; Pancreatic Polypeptide, bovine acts as an agonist of **NPY receptor**, with high affinity at **NPYR4**.

APLEPEYPGDNATPEQMAQYAAELRRYINMLTRPRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Pancreatic Polypeptide, human

(Human pancreatic polypeptide)

Cat. No.: HY-P0199

Pancreatic Polypeptide, human is a C-terminally amidated 36 amino acid peptide, which acts as a **neuropeptide Y** (**NPY**) **Y4/Y5** receptor agonist.

APLEPVYPGDNATPEQMAQYAADLRRYINMLTRPRY-NH_2

Purity: 99.91%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Pancreatic Polypeptide, rat

(Rat pancreatic polypeptide)

Cat. No.: HY-P1532

Pancreatic Polypeptide, rat is an agonist of **NPY receptor**, with high affinity at **NPYR4**.

APLEPMYPGDYATHEQRAQYETQLRRYINTLTRPRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 500 μg, 1 mg, 5 mg

Peptide YY (PYY) (3-36), Human

Cat. No.: HY-P10000

Peptide YY (PYY) (3-36), Human is an endogenous appetite suppressing peptide. Peptide YY (PYY) (3-36), Human, a neuropeptide Y (NPY) **Y2 receptor** agonist, is a powerful inhibitor of intestinal secretion.

IKPEAPGEDASPEELNRYYASLRHYLNLVTRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Peptide YY (PYY) (3-36), porcine

Cat. No.: HY-P1021

Peptide YY (PYY) (3-36), porcine is a gut hormone peptide that acts as a **Y2 receptor** agonist to reduce appetite.

AKPEAPGEDASPEELSRYYASLRHYLNLVTRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Peptide YY (PYY) (3-36), porcine TFA

Cat. No.: HY-P1021A

Peptide YY (PYY) (3-36), porcine TFA is a gut hormone peptide that acts as a Y2 receptor agonist to reduce appetite.

AKPEAPGEDASPEELSRYYASLRHYLNLVTRQRY-NH_2 (TFA salt)

Purity: 99.21%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Peptide YY (PYY), human

Cat. No.: HY-P1514

Peptide YY (PYY) is a gut hormone that regulates appetite and inhibits pancreatic secretion. Peptide YY (PYY) can mediate its effects through the **Neuropeptide Y receptors**.

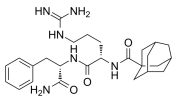
YPIKPEAPGEDASPEELNRYYASLRHYLNLVTRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 100 μg

RF9

Cat. No.: HY-107382

RF9 is a potent and selective **Neuropeptide FF receptor** antagonist, with K_i values of 58 and 75 nM for **hNPFF1R** and **hNPFF2R**, respectively.

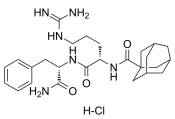


Purity: 98.66%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg

RF9 hydrochloride

Cat. No.: HY-107382A

RF9 hydrochloride is a potent and selective **Neuropeptide FF receptor** antagonist, with K_i values of 58 and 75 nM for **hNPFF1R** and **hNPFF2R**, respectively.



Purity: 99.48%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

RFRP-1(human)

Cat. No.: HY-P1428

RFRP-1(human) is a gonadotropin-inhibitory hormone (GnIH) homolog. RFRP-1(human) targets human gonadotropin-releasing hormone (GnRH) neurons and gonadotropes and potently inhibits **gonadotropin**.

MPHSFANLPLRF-NH_2

Purity: 99.32%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

RFRP-1(human) TFA

Cat. No.: HY-P1428A

RFRP-1(human) TFA is a potent endogenous NPFF receptor agonist (EC_{50} values are 0.0011 and 29 nM for NPFF2 and NPFF1, respectively). Attenuates contractile function of isolated rat and rabbit cardiac myocytes.

MPHSFANLPLRF-NH_2 (TFA salt)

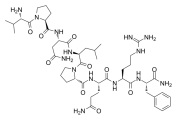
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

RFRP-3(human)

(Neuropeptide VF(124-131)(human))

Cat. No.: HY-P1250

RFRP-3 (Neuropeptide VF(124-131))(human), a human **GnIH peptide** homolog, is a potent inhibitor of **gonadotropin secretion** by inhibiting Ca^{2+} mobilization.



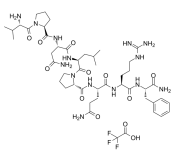
Purity: 98.51%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

RFRP-3(human) TFA

(Neuropeptide VF(124-131)(human) TFA)

Cat. No.: HY-P1250A

RFRP-3 (Neuropeptide VF(124-131))(human) TFA, a human **GnIH peptide** homolog, is a potent inhibitor of **gonadotropin secretion** by inhibiting Ca^{2+} mobilization.

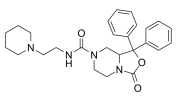


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

RTI-118

Cat. No.: HY-111308

RTI-118 is a novel small-molecule **neuropeptide S receptor (NPSR)** antagonist. RTI-118 can relieve drug addiction including selectively decrease cocaine self-administration.

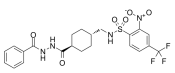


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

S 25585

Cat. No.: HY-107728

S 25585 is a potent and selective neuropeptide Y (NPY) Y5 receptor antagonist. S 25585 reduces food intake but not through blockade of the NPY Y5 receptor.

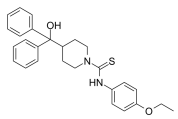


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SF 11

Cat. No.: HY-107731

SF 11 is a potent and brain penetrant **neuropeptide Y Y2 receptor** antagonist (IC_{50}=199 nM). Antidepressant-like activity.

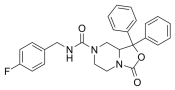


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SHA 68

Cat. No.: HY-108625

SHA 68 is a potent and selective non-peptide **neuropeptide S receptor (NPSR)** antagonist with IC_{50}s of 22.0 and 23.8 nM for NPSR Asn^{107} and NPSR Ile^{107}, respectively. SHA 68 has limited the blood-brain barrier (BBB) penetration and the activity in neuralgia.



Purity: 98.05%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg, 100 mg

Spexin

(Neuropeptide Q)

Cat. No.: HY-P1723

Spexin is a conserved peptide plays roles of neurotransmitter/neuromodulator and endocrine factor. Spexin peptide contains numerous aromatic amino acids and is probably amidated.

NWTPQAMLYLKGAQ-NH_2

Purity: 98.10%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Spexin TFA

(Neuropeptide Q TFA)

Cat. No.: HY-P1723A

Spexin TFA is a potent galanin receptor 2/3 (GAL2/GAL3) agonist (EC_{50} values are 45.7 and 112.2 nM, respectively). Spexin TFA exhibits no significant activity at galanin receptor 1.

NWTPQAMLYLKGAQ-NH_2 (TFA salt)

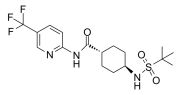
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Velneperit

(S2367)

Cat. No.: HY-14423

Velneperit (S-2367) is a novel neuropeptide Y (NPY) Y5 receptor antagonist. Target: neuropeptide Y receptor Velneperit (S-2367) is a once-daily, oral, centrally acting, small molecule neuropeptide Y (NPY) Y5 receptor antagonist.

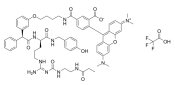


Purity: 99.50%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Y1R probe-1

Cat. No.: HY-145837

Y1R probe-1 (Compound 39) is a high-affinity fluorescence probe for the Neuropeptide Y Y1 Receptor. Y1R probe-1 has the potential for the research of cancer disease.



Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic Polypeptide

Cat. No.: HY-P1324

[cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic Polypeptide is a potent and selective **neuropeptide Y Y_5** receptor agonist with an IC_{50} of 0.24 nM for binding to the hY_5 receptor. [cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic Polypeptide induces a high amount of food intake.

GPSQPTYPGDNATPEQMARYYSALRRYINM(Aib)RQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic polypeptide TFA

Cat. No.: HY-P1324A

[cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic Polypeptide is a potent and selective **neuropeptide Y Y_5** receptor agonist with an IC_{50} of 0.24 nM for binding to the hY_5 receptor. [cPP1-7,NPY19-23,Ala31,Aib32,Gln34]-hPancreatic Polypeptide induces a high amount of food intake.

GPSQPTYPGDNATPEQMARYYSALRRYINM(Aib)RQRY-NH_2 (TFA salt)

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[D-Arg25]-Neuropeptide Y (human)

Cat. No.: HY-P0198B

[D-Arg25]-Neuropeptide Y (human) ([D-Arg25] NPY) is a **Y_1 receptor** selective agonist. Neuropeptide Y (human) is involved in Alzheimer's disease (AD) and protects rat cortical neurons against β-Amyloid toxicity.
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YPSKPDNPGEDAPAEDMARYYSAL-(D-Arg)-HYINLITRQRY-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[D-Trp34]-Neuropeptide Y

Cat. No.: HY-P1322

[D-Trp34]-Neuropeptide Y is a potent and selective **neuropeptide Y (NPY) Y_5 receptor** agonist. [D-Trp34]-Neuropeptide Y is a significantly less potent agonist at the NPY Y_1, Y_2, Y_4, and y_6 receptors. [D-Trp34]-Neuropeptide Y markedly increases food intake in rats.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[D-Trp34]-Neuropeptide Y TFA

Cat. No.: HY-P1322A

[D-Trp34]-Neuropeptide Y TFA is a potent and selective **neuropeptide Y (NPY) Y_5 receptor** agonist. [D-Trp34]-Neuropeptide Y TFA is a significantly less potent agonist at the NPY Y_1, Y_2, Y_4, and y_6 receptors.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[Leu31,Pro34]-Neuropeptide Y (porcine)

Cat. No.: HY-P0208

[Leu31,Pro34]- Neuropeptide Y (porcine), a Neuropeptide Y (NPY) analog, is a selective **NPY Y1 receptor** agonist. [Leu31,Pro34]- Neuropeptide Y (porcine) exhibits anxiolytic effects.

Purity: 98.66%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

[Leu31,Pro34]-Neuropeptide Y(human,rat)

Cat. No.: HY-P1323

[Leu31,Pro34]-Neuropeptide Y(human,rat) is a specific **neuropeptide Y Y_1 receptor** agonist. [Leu31,Pro34]-Neuropeptide Y(human,rat) slao activates Y_4, Y_5. [Leu31,Pro34]-Neuropeptide Y(human,rat) can increase blood pressure in anesthetized rats and increases food intake.

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

[Leu31,Pro34]-Neuropeptide Y(human,rat) TFA

Cat. No.: HY-P1323A

[Leu31,Pro34]-Neuropeptide Y(human,rat) TFA is a specific **neuropeptide Y Y_1 receptor** agonist. [Leu31,Pro34]-Neuropeptide Y(human,rat) TFA slao activates Y_4, Y_5. [Leu31,Pro34]-Neuropeptide Y(human,rat) TFA can increase blood pressure in anesthetized rats and increases food intake.

Purity: 99.38%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg