Neurokinin Receptor

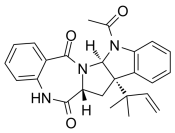
NK receptor

There are three main classes of neurokinin receptors: NK1R (the substance P preferring receptor), NK2R, and NK3R. These tachykinin receptors belong to the class I (rhodopsin-like) G-protein coupled receptor (GPCR) family. The various tachykinins have different binding affinities to the neurokinin receptors: NK1R, NK2R, and NK3R. These neurokinin receptors are in the superfamily of transmembrane G-protein coupled receptors (GPCR) and contain seven transmembrane loops. Neurokinin-1 receptor interacts with the Gαq-protein and induces activation of phospholipase C followed by production of inositol triphosphate (IP3) leading to elevation of intracellular calcium as a second messenger. Further, cyclic AMP (cAMP) is stimulated by NK1R coupled to the Gαs-protein. The neurokinin receptors are expressed on many cell types and tissues.

Acetylaszonalenin

(LL-S490β) Cat. No.: HY-119552

Acetylaszonalenin, a prenylated indole derivative, is a fungal metabolite.Acetylaszonalenin is a potent **neurokinin-1 (NK1)** receptor antagonist. Acetylaszonalenin shows inhibition of [^{3}H]-SP binding to human astrocytoma cells with a K_i of 170 μM.

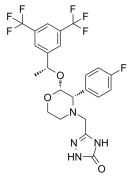


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Aprepitant

(MK-0869; MK-869; L-754030) Cat. No.: HY-10052

Aprepitant (MK-0869) is a selective and high-affinity **neurokinin 1 receptor** antagonist with a K_d of 86 pM.

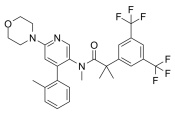


Purity: 99.67%
Clinical Data: Launched
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg, 200 mg

Befetupitant

(Ro67-5930) Cat. No.: HY-19670

Befetupitant is a high-affinity, nonpeptide, competitive tachykinin 1 receptor (**NK1R**) antagonist.

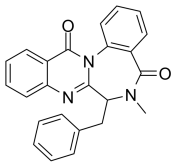


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Benzomalvin A

Cat. No.: HY-118463

Benzomalvin A is a potent antagonist of **neurokinin receptor** isolated from Penicillium sp. Benzomalvin A shows inhibitory activity against substance P with K_i values of 12, 42 and 43 μM at the guinea pig, rat and human neurokinin NK1 receptors, respectively.

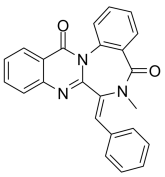


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Benzomalvin B

Cat. No.: HY-114673

Benzomalvin B is the less active analogs of Benzomalvin A. Benzomalvin B is weakly active against substance P.



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

Biotin-Substance P

Cat. No.: HY-P2546

Biotin-Substance P is the biotin tagged Substance P. Substance P (Neurokinin P) is a neuropeptide, acting as a neurotransmitter and as a neuromodulator in the CNS. The endogenous receptor for substance P is **neurokinin 1 receptor (NK1-receptor, NK1R)**.

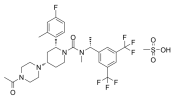
Biotin-RPKPQQFFGLM-NH_2

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

Casopitant mesylate

(GW679769B) Cat. No.: HY-14405A

Casopitant mesylate (GW679769B) is a potent, selective, brain permeable and orally active **neurokinin 1 (NK1) receptor** antagonist. Casopitant mesylate is a second in the class of antiemetics that acts to antagonise the emetogenic effect of substance P.

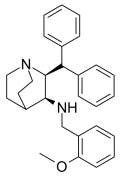


Purity: 99.83%
Clinical Data: Phase 3
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

CP-96,345

Cat. No.: HY-108482

CP-96,345 is a specific, highly potent, and orally active **tachykinin** and **substance P receptor** non-peptide inhibitor. CP-96,345 prevents the drop in blood pressure evoked by substance P and **neurokinin A**. CP-96,345 can be used for researching neurogenic inflammation.

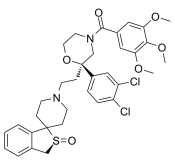


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

CS-003 Free base

Cat. No.: HY-19633

CS-003 Free base (CS-003), a triple tachykinin receptor antagonist, shows high affinities for human (**Neurokinin**) NK1, NK2 and NK3 receptors with K_i values of 2.3 nM, 0.54 nM and 0.74 nM, respectively.

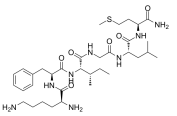


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Eledoisin Related Peptide

(Eledoisin-Related Peptide; Eledoisin RP) Cat. No.: HY-P1186

Eledoisin Related Peptide is a Substance P analog that excites neurons and triggers behavioral responses. Eledoisin Related Peptide is also a **tachykinin receptor** ligand.



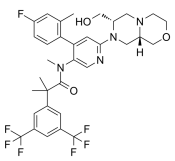
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Elinzanetant

(NT-814; BAY3427080)

Cat. No.: HY-109171

Elinzanetant is a **neurokinin receptors** antagonist used for the research of Schizophrenia.

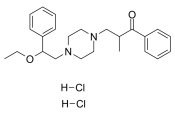


Purity: 98.04%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Eprazinone dihydrochloride

Cat. No.: HY-B2078A

Eprazinone dihydrochloride is a gent with mucolytic, secretolytic, antitussive, and bronchial antispasmodic properties. Eprazinone dihydrochloride is a **neurokinin 1 receptor (NK1R)** ligand.



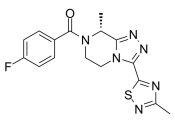
Purity: ≥98.0%
Clinical Data: Launched
Size: 10 mM × 1 mL, 50 mg, 100 mg, 250 mg, 500 mg

Fezolinetant

(ESN-364)

Cat. No.: HY-19632

Fezolinetant is an antagonist of the **neurokinin 3 receptor (NK3R)**, used for the treatment of menopausal hot flushes.

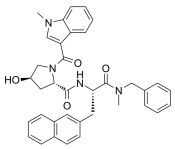


Purity: 98.16%
Clinical Data: Phase 3
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

FK888

Cat. No.: HY-105215

FK888 is a potent, selective, and high affinity dipeptide **NK1** receptor antagonist. FK888 displaces [3H]-SP binding with a K_i value of 0.69 nM and 0.45 microM. FK888 also inhibits SP-induced airway oedema in guinea-pig after both intravenous and oral administration.



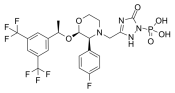
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Fosaprepitant

(L-758298)

Cat. No.: HY-14407

Fosaprepitant (L-785298) is a prodrug of Aprepitant (HY-10052). Fosaprepitant is a **neurokinin-1 receptor** antagonist, which is development for the prevention of chemotherapy-induced nausea and vomiting (CINV).



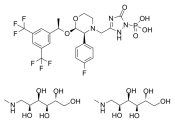
Purity: >98%
Clinical Data: Launched
Size: 1 mg, 5 mg

Fosaprepitant dimeglumine

(MK-0517; L785298)

Cat. No.: HY-14407A

Fosaprepitant dimeglumine (MK-0517) is a prodrug of Aprepitant (HY-10052). Fosaprepitant dimeglumine is a **neurokinin-1 receptor** antagonist, which is development for the prevention of chemotherapy-induced nausea and vomiting (CINV).



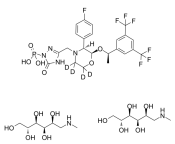
Purity: 98.05%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg, 100 mg

Fosaprepitant-d4 dimeglumine

(MK-0517-d4; L785298-d4)

Cat. No.: HY-14407AS

Fosaprepitant-d4 (dimeglumine) is deuterium labeled Fosaprepitant (dimeglumine). Fosaprepitant dimeglumine (MK-0517) is a prodrug of Aprepitant (HY-10052).



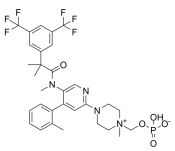
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Fosnetupitant

(Pronetupitant)

Cat. No.: HY-17615

Fosnetupitant (Pronetupitant) a methylene phosphate prodrug of Netupitant. Fosnetupitant (Pronetupitant) exhibits a pK_i of 9.5 for **human NK_1 receptor**.

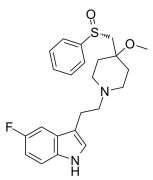


Purity: ≥95.0%
Clinical Data: Launched
Size: 5 mg

GR 159897

Cat. No.: HY-107691

GR 159897 is a highly potent, selective, competitive, brain-penetrated non-peptide **neurokinin 2 (NK_2) receptor** antagonist. GR 159897 has little or no affinity for NK_1 and NK_3 receptors.



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

GR 64349

Cat. No.: HY-P1278

GR 64349 is a potent and highly selective **NK_2** receptor peptide antagonist, with an EC_{50} of 3.7 nM in rat colon. GR 64349 exhibits selectivity >1000 and >300-fold with respect to NK_1 and NK_3 receptors, respectively.

KDSFV{Aaa}LM-NH_2

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

GR 64349 TFA

Cat. No.: HY-P1278A

GR 64349 is a potent and highly selective NK_2 receptor peptide antagonist, with an EC_{50} of 3.7 nM in rat colon. GR 64349 exhibits selectivity >1000 and >300-fold with respect to NK_1 and NK_3 receptors, respectively.

KDSFV{Aaa}LM-NH_2 (TFA salt)

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

GR 94800

Cat. No.: HY-P1277

GR 94800 is a potent and selective NK_2 receptor peptide antagonist, with pK_B values of 9.6, 6.4 and 6.0 for NK_2, NK_1 and NK_3 receptors, respectively.

Bz-AA-{D-Trp}-F-{D-Pro}-P-{Nle}-NH_2

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

GR 94800 TFA

Cat. No.: HY-P1277A

GR 94800 TFA is a potent and selective NK_2 receptor peptide antagonist, with pK_B values of 9.6, 6.4 and 6.0 for NK_2, NK_1 and NK_3 receptors, respectively.

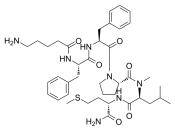
Bz-AA-{D-Trp}-F-{D-Pro}-P-{Nle}-NH_2 (TFA salt)

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

GR-73632

Cat. No.: HY-P1192

GR-73632 is a novel tachykinin neurokinin 1 (**NK-1**) receptor agonist. GR-73632 acts directly on the peripheral terminals of primary sensory neurons through NK1 receptor which convey itch signals.

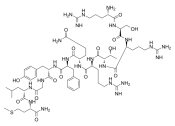


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Hemokinin 1 (mouse)

Cat. No.: HY-P1030

Hemokinin 1 (mouse) is a selective agonist of **neurokinin-1 receptor**, with K_i of 0.175 nM and 560 nM for human NK1 receptor and human NK2 receptor, respectively.



Purity: 98.30%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Hemokinin 1, human

Cat. No.: HY-P1198

Hemokinin 1, human is a selective tachykinin **neurokinin 1 (NK1)** receptor full agonist. Hemokinin 1, human is a full agonist at **NK2** and **NK3** receptor. Hemokinin 1, human can produces an opioid-independent analgesia.

TGKASQFFGLM-NH_2

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

Hemokinin 1, human TFA

Cat. No.: HY-P1198A

Hemokinin 1, human TFA is a selective tachykinin **neurokinin 1 (NK1)** receptor full agonist. Hemokinin 1, human TFA is a full agonist at **NK2** and **NK3** receptor. Hemokinin 1, human TFA can produces an opioid-independent analgesia.

TGKASQFFGLM-NH_2 (TFA salt)

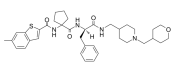
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Ibodutant

(MEN 15596)

Cat. No.: HY-14770

Ibodutant (MEN 15596) is a potent and selective **tachykinin NK2 receptor** antagonist with a **pK_i** of 10.1.

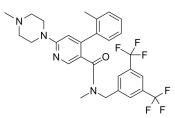


Purity: >98%
Clinical Data: Phase 3
Size: 1 mg, 5 mg

Imnopitant

Cat. No.: HY-109147

Imnopitant is a NK1 receptor antagonist (WO2020132716, compound 1) .

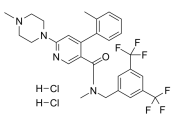


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Imnopitant dihydrochloride

Cat. No.: HY-109147A

Imnopitant dihydrochloride is a neurokinin **NK1 receptor** antagonist.



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

Kassinin

Cat. No.: HY-P0250

Kassinin is a peptide derived from the Kassina frog. It belongs to tachykinin family of neuropeptides. It is secreted as a defense response, and is involved in neuropeptide signalling.

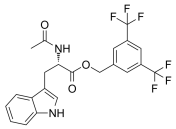
DVPKSDQFVGLM-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

L-732138

Cat. No.: HY-101249

L-732138 is a selective, potent and competitive **neurokinin-1 (NK-1) receptor** antagonist with an IC_{50} of 2.3 nM.

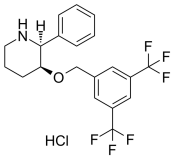


Purity: 99.43%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg

L-733060 hydrochloride

Cat. No.: HY-14406A

L-733060 hydrochloride is a potent tachykinin **NK_1 receptor** antagonist. L-733060 hydrochloride inhibits neurogenic plasma extravasation at doses that do not cause adverse cardiovascular effects in rodents and also acts as an antitumoral agent.

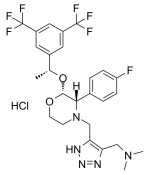


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

L-760735

Cat. No.: HY-108481

L-760735 is a high affinity, selective and orally active **NK1 receptor** antagonist with an IC_{50} of 0.19 nM for human NK1 receptors. L-760735 exhibits anxiolytic and antidepressant-like effects.

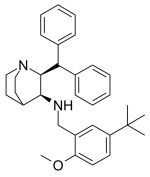


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Maropitant

Cat. No.: HY-10053

Maropitant is a selective and orally active **neurokinin (NK1) receptor** antagonist. Maropitant acts by blocking the binding of substance P within the emetic center and the chemoreceptor trigger zone (CRTZ). Maropitant is highly effective in preventing vomiting.

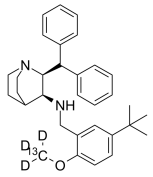


Purity: 99.79%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 2 mg, 5 mg, 10 mg, 25 mg

Maropitant-13C,d3

Cat. No.: HY-10053S1

Maropitant-13C,d3 is the 13C- and deuterium labeled. Maropitant is a selective and orally active neurokinin (NK1) receptor antagonist. Maropitant acts by blocking the binding of substance P within the emetic center and the chemoreceptor trigger zone (CRTZ).

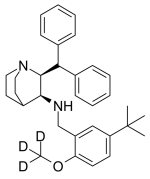


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Maropitant-d3

Cat. No.: HY-10053S

Maropitant-d3 is the deuterium labeled Maropitant. Maropitant is a selective and orally active **neurokinin (NK1) receptor** antagonist. Maropitant acts by blocking the binding of substance P within the emetic center and the chemoreceptor trigger zone (CRTZ).

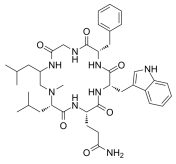


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

MDL 29913

Cat. No.: HY-P1017

MDL 29913, a cyclic pseudopeptide, is a competitive NK_2 tachykinin receptor selective antagonist, with a pA_2 of 8.66.



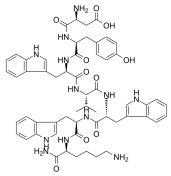
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Men 10376

(Neurokinin-2 receptor antagonist)

Cat. No.: HY-P1276

Men 10376 is a selective **tachykinin NK-2 receptor** antagonist, with a K_i of 4.4 μM for rat small intestine NK-2 receptor.



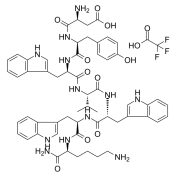
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Men 10376 TFA

(Neurokinin-2 receptor antagonist TFA)

Cat. No.: HY-P1276A

Men 10376 TFA is a selective **tachykinin NK-2 receptor** antagonist, with a K_i of 4.4 μM for rat small intestine NK-2 receptor.

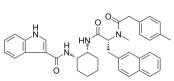


Purity: 99.56%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

MEN11467

Cat. No.: HY-U00207

MEN11467 is a selective and orally- effective peptidomimetic **tachykinin NK_1 receptor** antagonist.

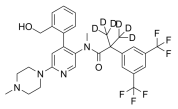


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Monohydroxy Netupitant D6

Cat. No.: HY-G0012S

Monohydroxy Netupitant D6 is the deuterium labeled Monohydroxy Netupitant, which is a metabolite of Netupitant.



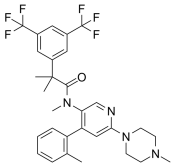
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Netupitant

(CID 6451149)

Cat. No.: HY-16346

Netupitant (CID-6451149) is a highly potent, selective and orally active **neurokinin-1 (NK_1)** receptor antagonist with a K_i of 0.95 nM for hNK_1 in CHO cells. Netupitant has antiemetic affect.



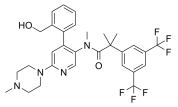
Purity: 99.93%
Clinical Data: Launched
Size: 5 mg, 10 mg, 50 mg, 100 mg

Netupitant metabolite Monohydroxy Netupitant

(Monohydroxy Netupitant)

Cat. No.: HY-G0012

Monohydroxy Netupitant is the metabolite of Netupitant, which is a highly selective NK1 receptor antagonist.



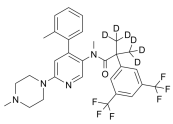
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg

Netupitant-d6

(CID-6451149-d6)

Cat. No.: HY-16346S

Netupitant D6 is the deuterium labeled Netupitant (CID-6451149), which is a highly potent and selective, orally active neurokinin-1 (NK_1) receptor antagonist.



Purity: >98.0%
Clinical Data: No Development Reported
Size: 1 mg

Neurokinin A

(Substance K; Neurokinin α; Neuromedin L)

Cat. No.: HY-P0197

Neurokinin A (Substance K), a peptide neurotransmitter of the tachykinin family, acts via the **NK-2** receptor. Neurokinin A acts as a major mediator in human airway and gastrointestinal tissues.

HKTDSFVGLM-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Neurokinin A TFA

(Substance K TFA; Neurokinin α TFA; Neuromedin L TFA)

Cat. No.: HY-P0197A

Neurokinin A TFA (Substance K TFA), a peptide neurotransmitter of the tachykinin family, acts via the **NK-2** receptor. Neurokinin A acts as a major mediator in human airway and gastrointestinal tissues.

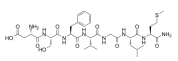
HKTDSFVGLM-NH_2 (TFA salt)

Purity: 99.25%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg

Neurokinin A(4-10)

Cat. No.: HY-P0236

Neurokinin A (4-10) is a **tachykinin NK_2 receptor** agonist.

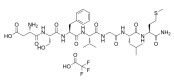


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Neurokinin A(4-10) TFA

Cat. No.: HY-P0236A

Neurokinin A (4-10) TFA is a **tachykinin NK_2 receptor** agonist.

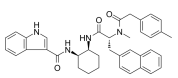


Purity: 98.10%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Neurokinin antagonist 1

Cat. No.: HY-U00320

Neurokinin antagonist 1 is a **Neurokinin** antagonist extracted from patent WO1998045262A1.



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

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

Neurokinin B

Cat. No.: HY-P0242

Neurokinin B belongs to the tachykinin family of peptides. Neurokinin B binds a family of GPCRs-including neurokinin receptor 1 (NK1R), NK2R, and NK3R-to mediate their biological effect.

DMHDFFVGLM-NH_2

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

Neurokinin B TFA

Cat. No.: HY-P0242A

Neurokinin B TFA belongs to the tachykinin family of peptides. Neurokinin B binds a family of GPCRs-including neurokinin receptor 1 (NK1R), NK2R, and NK3R-to mediate their biological effect.

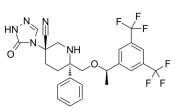
DMHDFFVGLM-NH_2 (TFA salt)

Purity: 96.64%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

NK-1 Antagonist 1

Cat. No.: HY-106659

NK-1 Antagonist 1 is an antagonist of **NK-1 receptor**, used in the research of NK-1 related diseases and conditions such as cough, overactive bladder, alcohol dependency and depression.

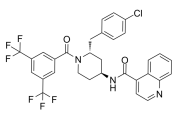


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

NKP608

Cat. No.: HY-18006

NKP608 is a non-peptidic derivative of 4-aminopiperidine which acts as a selective, specific and potent antagonist at the neurokinin-1 (NK-1) receptor both in vitro(IC50=2.6 nM) and in vivo.



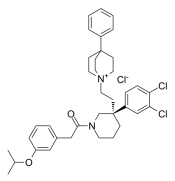
Purity: 99.89%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Nolpitantium

(SR140333)

Cat. No.: HY-108479

Nolpitantium (SR140333) is a potent, selective, competitive, non-peptide tachykinin NK_1 **receptor** antagonist. Nolpitantium blocks the activation of rat thalamic neurons after nociceptive stimulation.



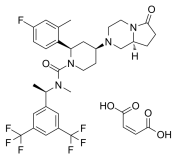
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Orvepitant maleate

(GW823296 maleate)

Cat. No.: HY-122347A

Orvepitant maleate (GW823296 maleate) is potent, selective, orally active and well-tolerated **neurokinin-1 receptor (NK-1)** antagonist with a pK_i of 10.2 for **human neurokinin-1 receptor**. Orvepitant maleate can across the blood-brain barrier.



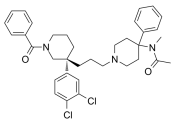
Purity: >98%
Clinical Data: Phase 2
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Osanetant

(SR142801)

Cat. No.: HY-14551

Osanetant (SR142801) is a selective **NK3 receptor** antagonist. Osanetant produces anxiolytic- and antidepressant-like effects and is researched for schizophrenia.



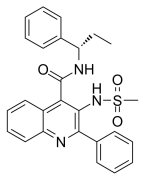
Purity: 98.02%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 1 mg, 5 mg

Pavinetant

(MLE-4901; AZD2624; AZD4901)

Cat. No.: HY-14432

Pavinetant (MLE-4901) is a **neurokinin-3 receptor** (**NK3R**) antagonist.



Purity: 99.78%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg

Physalaemin

Cat. No.: HY-P0255

Physalaemin, a non-mammalian tachykinin, binds selectively to **neurokinin-1** (**NK1**) **receptor** with high affinity.

PGLU-ADPNKFYGLM-NH_2

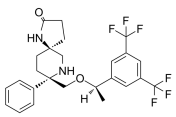
Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Rolapitant

(SCH619734)

Cat. No.: HY-14751

Rolapitant (SCH619734) is a potent, selective and orally active **neurokinin** NK1 receptor antagonist with a K_i of 0.66 nM.



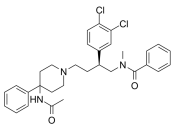
Purity: 98.43%
Clinical Data: Launched
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Saredutant

(SR 48968; SR 48968C)

Cat. No.: HY-106910

Saredutant is a selective **NK2 receptor** antagonist.

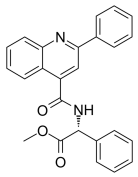


Purity: 99.30%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

SB 218795

Cat. No.: HY-107692

SB 218795 is a potent and selective non-peptide **NK3 receptor** antagonist, with a K_i 13 nM for **hNK3**. SB 218795 shows about 90-fold and 7000-fold selectivity for hNK3 over hNK2 and hNK1, respectively.

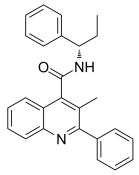


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

SB-222200

Cat. No.: HY-15722

SB-222200 is a potent, selective, orally active and blood-brain barrier (BBB) penetrant **NK-3 receptor** antagonist. SB-222200 is developed for central nervous system (CNS) disorders.



Purity: 99.85%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 10 mg, 50 mg

Scyliorhinin II

Cat. No.: HY-P1588

Scyliorhinin II is a selective **neurokinin-3 receptor** agonist, with a K_i of 2.5 nM for neurokinin-3 receptor in rat cerebral cortex.

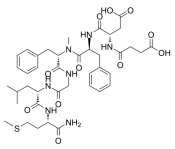
FTDNYTRLRKQMAVKKYLNSILN-NH_2

Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Senktide

Cat. No.: HY-P0187

Senktide is a tachykinin **NK_3 receptor** agonist.



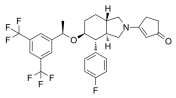
Purity: 99.14%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Serlopitant

(VPD-737; MK-0594)

Cat. No.: HY-12114

Serlopitant is a selective **Neurokinin-1 (NK-1)** receptor antagonist.



Purity: >98%
Clinical Data: Phase 3
Size: 1 mg, 5 mg

Spantide I

Cat. No.: HY-P1194

Spantide I, a substance P analog, is a selective **NK_1 receptor** antagonist, with K_i values of 230 nM and 8150 nM for NK_1 and NK_2 receptor, respectively.

RPKPQQWFWLL-NH_2

Purity: 98.97%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Spantide I TFA

Cat. No.: HY-P1194A

Spantide I TFA, a substance P analog, is a selective **NK_1 receptor** antagonist, with K_i values of 230 nM and 8150 nM for NK_1 and NK_2 receptor, respectively.

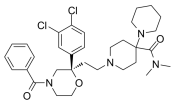
RPKPQQWFWLL-NH_2 (TFA salt)

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

SSR-241586

Cat. No.: HY-19456

SSR-241586 is an antagonist of **neurokinin receptors**. SSR-241586 is shown to be active in the treatment of depression, schizophrenia, urinary trouble, emesis, and irritable bowel syndrome (IBS).



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

Substance P

(Neurokinin P)

Cat. No.: HY-P0201

Substance P (Neurokinin P) is a neuropeptide, acting as a neurotransmitter and as a neuromodulator in the CNS. The endogenous receptor for substance P is **neurokinin 1 receptor** (**NK1-receptor**, **NK1R**).

RPKPQQFFGLM-NH_2

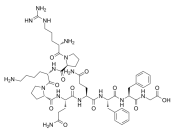
Purity: 99.60%
Clinical Data: Phase 4
Size: 1 mg, 5 mg, 10 mg, 25 mg

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

Substance P (1-9)

Cat. No.: HY-P1494

Substance P (1-9) is nonapeptide, which decreases the inactivation of substance P by the guinea-pig ileum and urinary bladder.

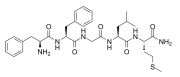


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

Substance P (7-11)

Cat. No.: HY-P1492

Substance P (7-11) is a C-terminal fragment of Substance P which can cause an increase in the intracellular calcium concentration.

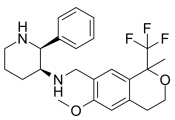


Purity: >98%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Substance P Receptor Antagonist 1

Cat. No.: HY-U00382

Substance P Receptor Antagonist 1 has the potential function in central nervous system disorders, respiratory, inflammatory diseases and gastrointestinal disorders.



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

Substance P TFA

(Neurokinin P TFA)

Cat. No.: HY-P0201A

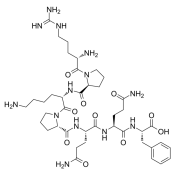
Substance P TFA (Neurokinin P TFA) is a neuropeptide, acting as a neurotransmitter and as a neuromodulator in the CNS. The endogenous receptor for substance P is **neurokinin 1 receptor** (**NK1-receptor**, **NK1R**).

Purity: 99.60%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

Substance P(1-7)

Cat. No.: HY-P1485

Substance P(1-7) is a fragment of the neuropeptide, substance P (SP). Substance P(1-7) gives depressor and bradycardic effects when applied to the nucleus tractus solitarius.

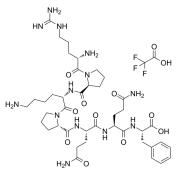


Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Substance P(1-7) TFA

Cat. No.: HY-P1485A

Substance P(1-7) TFA is a fragment of the neuropeptide, substance P (SP). Substance P(1-7) TFA gives depressor and bradycardic effects when applied to the nucleus tractus solitarius.

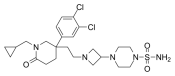


Purity: 99.86%
Clinical Data: No Development Reported
Size: 5 mg, 10 mg, 25 mg

Tachykinin angatonist 1

Cat. No.: HY-U00392

Tachykinin angatonist 1 is a **neurokinin receptor** antagonist extracted from patent US5968923, compound example 32.



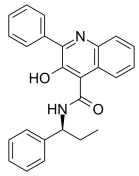
Purity: >98%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg

Talnetant

(SB 223412)

Cat. No.: HY-14552

Talnetant (SB 223412) is a potent and selective NK3 receptor antagonist (ki=1.4 nM, hNK-3-CHO); 100-fold selective for the hNK-3 versus hNK-2 receptor, with no affinity for the hNK-1 at concentrations up to 100 uM.



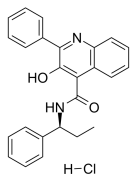
Purity: 99.43%
Clinical Data: Phase 2
Size: 10 mM × 1 mL, 10 mg, 50 mg

Talnetant hydrochloride

(SB 223412 hydrochloride; SB 223412-A)

Cat. No.: HY-14552A

Talnetant Hcl(SB 223412 Hcl) is a potent and selective NK3 receptor antagonist(ki=1.4 nM, hNK-3-CHO); 100-fold selective for the hNK-3 versus hNK-2 receptor, with no affinity for the hNK-1 at concentrations up to 100 uM.



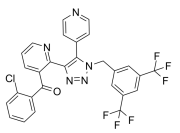
Purity: >98%
Clinical Data: Phase 2
Size: 1 mg, 5 mg

Tradipitant

(VLY-686; LY686017)

Cat. No.: HY-16732

Tradipitant (VLY-686) is a **neurokinin-1** (**NK-1**) antagonist.



Purity: 99.63%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg

Vapreotide

(RC160; BMY 41606) Cat. No.: HY-P0061

Vapreotide is a **neurokinin-1 (NK1) receptor** antagonist, with an IC_{50} of 330 nM.

FCYWKVCW-NH_2(Disulfide bridge: Cys2-Cys7)

Purity: 98.75%
Clinical Data: Phase 3
Size: 10 mM × 1 mL, 1 mg, 5 mg, 10 mg, 50 mg

Vapreotide acetate

(RC-160 acetate; BMY-41606 acetate) Cat. No.: HY-P0061A

Vapreotide acetate (RC-160 acetate; BMY-41606 acetate) is a **neurokinin-1 (NK1) receptor** antagonist, with an IC_{50} of 330 nM.

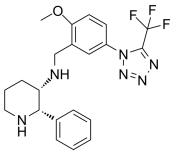
FCYWKVCW-NH_2(Disulfide bridge: Cys2-Cys7)

Purity: 99.67%
Clinical Data: Launched
Size: 5 mg, 10 mg, 25 mg, 50 mg, 100 mg

Vofopitant

(GR 205171) Cat. No.: HY-12142

Vofopitant is potent **tachykinin NK_1 receptor** antagonist, with **pK_i**s of 10.6, 9.5, and 9.8 for human, rat and ferret NK_1 receptor, respectively.

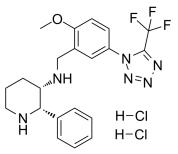


Purity: 99.82%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Vofopitant dihydrochloride

(GR 205171A) Cat. No.: HY-12143

Vofopitant dihydrochloride (GR 205171A) is a potent, selective and orally available tachykinin neurokinin 1(NK1) receptor antagonist, inhibits [^{3}H]SP binding to the NK1 receptor with **pK_i** values of 9.5 and 10.6 in rat and human membranes respectively, acts as a potential...

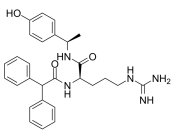


Purity: 99.11%
Clinical Data: No Development Reported
Size: 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

Y1 receptor antagonist 1

(H 409-22 isomer) Cat. No.: HY-101704

Y1 receptor antagonist 1 (H 409-22 isomer) is a **neuropeptide Y1 receptor** antagonist.

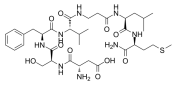


Purity: 99.69%
Clinical Data: No Development Reported
Size: 1 mg

[bAla8]-Neurokinin A(4-10)

(MEN 10210) Cat. No.: HY-P1031

[bAla8]-Neurokinin A(4-10) is a **neurokinin 2 (NK2) receptor** agonist.



Purity: 98.17%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg

[Lys5,MeLeu9,Nle10]-NKA(4-10)

Cat. No.: HY-P1279

[Lys5,MeLeu9,Nle10]-NKA(4-10) is a highly selective and potent **NK_2** receptor agonist, with an IC_{50} of 6.1 nM.

DKFVG{N(Me)Leu}{Nle}-NH_2

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

[Lys5,MeLeu9,Nle10]-NKA(4-10) TFA

Cat. No.: HY-P1279A

[Lys5,MeLeu9,Nle10]-NKA(4-10) TFA is a highly selective and potent **NK_2** receptor agonist, with an IC_{50} of 6.1 nM.

DKFVG{N(Me)Leu}{Nle}-NH_2 (TFA salt)

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

[Nle11]-Substance P

Cat. No.: HY-P1506

[Nle11]-Substance P is a substance P analog that avoids methionine oxidation problems.

RPKPQQFFGL-Nle-NH_2

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

[Sar9,Met(O2)11]-Substance P

Cat. No.: HY-P1012

[Sar9,Met(O2)11]-Substance P is a **tachykinin NK_1 receptor** selective agonist.

RPKPQQFF-{Sar}-LM[O_2]-NH_2

Purity: 99.91%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

[Sar9,Met(O2)11]-Substance P TFA

Cat. No.: HY-P1012A

[Sar9,Met(O2)11]-Substance P TFA is a **tachykinin NK_1 receptor** selective agonist.

RPKPQQFF-{Sar}-LM{O_2}-NH_2 (TFA salt)

Purity: 99.68%
Clinical Data: No Development Reported
Size: 1 mg, 5 mg, 10 mg, 25 mg

[Sar9] Substance P

Cat. No.: HY-P1738

[Sar9] Substance P is a potent and selective **neurokinin (NK)-1 receptor** agonist.

RPKPQQFF-{SAR}-LM-NH_2

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