Urotensin Receptor

UT receptor

Urotensin receptor (UT) is a G-protein coupled receptor which binds the peptide hormone urotensin. The urotensin-II (UT) receptor is a Gq/11-protein-coupled receptor that mediates complex hemodynamic effects and influences neuromuscular physiology. The UT receptor displays greatest expression levels in the peripheral vasculature, heart and kidney, although they are found elsewhere, notably the central nervous system, at lower levels. The UT receptor produces potent but variable vasoconstrictor effects in some vascular beds, yet mediates vasodilation in others; it has also been implicated in osmoregulation.
Urotensin Receptor Agonists, Antagonists & Activators

**Palosuran**

(ACT-058362)  
Cat. No.: HY-10655

Palosuran (ACT-058362) is a new potent and specific antagonist of the human UT receptor with an IC₅₀ of 3.6±0.2 nM.

- **Purity:** 99.99%
- **Clinical Data:** No Development Reported
- **Size:** 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg

**SB-657510**

Cat. No.: HY-10656

SB-657510 is a selective urotensin II (UII) receptor (UT) antagonist. The Kᵢ values are 61, 17, 30, 65 and 56 nM for human, monkey, cat, rat and mouse receptors, respectively.

- **Purity:** 99.76%
- **Clinical Data:** No Development Reported
- **Size:** 10 mM × 1 mL, 1 mg, 5 mg, 10 mg

**Urotensin II (114-124), human**

Cat. No.: HY-P1164

Urotensin II (114-124), human, an 11-amino acid residue peptide, is a potent vasoconstrictor and agonist for the orphan receptor GPR14.

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

**Urotensin II (114-124), human TFA**

Cat. No.: HY-P1164A

Urotensin II (114-124), human TFA, an 11-amino acid residue peptide, is a potent vasoconstrictor and agonist for the orphan receptor GPR14.

- **Purity:** 99.76%
- **Clinical Data:** No Development Reported
- **Size:** 10 mM × 1 mL, 1 mg, 5 mg

**Urotensin II, mouse**

Cat. No.: HY-P1483

Urotensin II, mouse is an endogenous ligand for the orphan G-protein-coupled receptor GPR14 or SENR. Urotensin II, mouse is a potent vasoconstrictor. Urotensin II, mouse plays a physiological role in the central nervous system.

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

**Urotensin II, mouse acetate**

Cat. No.: HY-P1483B

Urotensin II, mouse acetate is an endogenous ligand for the orphan G-protein-coupled receptor GPR14 or SENR. Urotensin II, mouse acetate is a potent vasoconstrictor. Urotensin II, mouse acetate plays a physiological role in the central nervous system.

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

**Urotensin II, mouse TFA**

Cat. No.: HY-P1483A

Urotensin II, mouse TFA is an endogenous ligand for the orphan G-protein-coupled receptor GPR14 or SENR. Urotensin II, mouse TFA is a potent vasoconstrictor. Urotensin II, mouse TFA plays a physiological role in the central nervous system.

- **Purity:** 99.58%
- **Clinical Data:** No Development Reported
- **Size:** 10 mM × 1 mL, 1 mg, 5 mg, 10 mg

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