

## [Orn5]-URP acetate

## Chemical Properties

CAS No. :

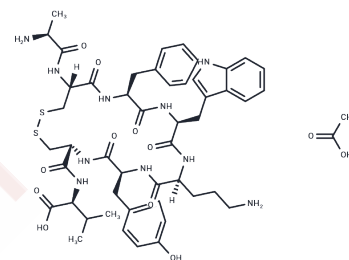
Formula: C50H66N10O12S2

Molecular Weight: 1063.25

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	[Orn5]-URP acetate is an effective and selective Urotensin-II receptor (UT) antagonist (pEC50 = 7.24). [Orn5]-URP exhibits no agonist activity.
Targets(IC50)	GPCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9405 mL	4.7026 mL	9.4051 mL
5 mM	0.1881 mL	0.9405 mL	1.881 mL
10 mM	0.0941 mL	0.4703 mL	0.9405 mL
50 mM	0.0188 mL	0.0941 mL	0.1881 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

David C, et, al. Structure-activity relationships and structural conformation of a novel urotensin II-related peptide. *Peptides*. 2004 Oct; 25(10): 1819-30.

Diallo M, et, al. [Orn5]URP acts as a pure antagonist of urotensinergic receptors in rat cortical astrocytes. *Peptides*. 2008 May; 29(5): 813-9.

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