

Urotensin II (114-124), human TFA

Chemical Properties

CAS No. :

Formula: C₆₆H₈₆F₃N₁₃O₂₀S₂

Molecular Weight: 1502.59

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	Urotensin II (114-124), human TFA, is an 11-amino acid peptide with a potent vasoconstrictor effect and acts as an agonist for the orphan receptor GPR14.
Targets(IC50)	GPCR

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6655 mL	3.3276 mL	6.6552 mL
5 mM	0.1331 mL	0.6655 mL	1.331 mL
10 mM	0.0666 mL	0.3328 mL	0.6655 mL
50 mM	0.0133 mL	0.0666 mL	0.1331 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

Ames RS, et al. Human urotensin-II is a potent vasoconstrictor and agonist for the orphan receptor GPR14. Nature. 1999 Sep 16;401(6750):282-6.

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