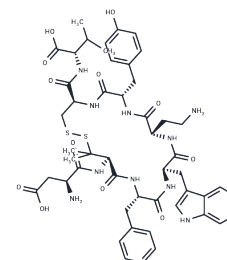


UFP-803

## Chemical Properties

CAS No. :	879497-82-2
Formula:	C50H64N10O12S2
Molecular Weight:	1061.24
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Urotensin-II (UT) receptor ligand; behaves as a silent antagonist in most in vitro assays and in vivo, but does retain small residual agonist activity under certain conditions in some assays. Competitively antagonizes U-II induced contractions in the rat aorta (pIC50 = 7.46) and prevents plasma extravasation elicited by U-II in mice in vivo.
Targets(IC50)	GPCR

## Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9423 mL	4.7115 mL	9.4229 mL
5 mM	0.1885 mL	0.9423 mL	1.8846 mL
10 mM	0.0942 mL	0.4711 mL	0.9423 mL
50 mM	0.0188 mL	0.0942 mL	0.1885 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

Camarda et al (2006) In vitro and in vivo pharmacological characterization of the novel UT receptor ligand [Pen5, DTrp7,Dab8]urotensin II(4-11) (UFP-803). Br.J.Pharmacol. 147 92 PMID:

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