

Urotensin I TFA

Chemical Properties

CAS No. :

Formula: C212H341F3N62O69S2

Molecular Weight: 4983.48

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 I (Catostomus urotensin I) TFA is a CRF-like neuropeptide that acts as an agonist for CRF receptors, with pEC50 values of 11.46 for human CRF1, 9.36 for human CRF2, and 9.85 for rat CRF2 α receptors in CHO cells. It shows binding affinities (K _i) of 0.4 nM for hCRF1, 1.8 nM for rCRF2 α , and 5.7 nM for mCRF2 β receptors [1] [2].
Targets(IC50)	CRFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2007 mL	1.0033 mL	2.0066 mL
5 mM	0.0401 mL	0.2007 mL	0.4013 mL
10 mM	0.0201 mL	0.1003 mL	0.2007 mL
50 mM	0.004 mL	0.0201 mL	0.0401 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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