

## Nociceptin (1-13), amide TFA

## Chemical Properties

CAS No. :

Formula: C63H101F3N22O17

Molecular Weight: 1495.61

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	Nociceptin (1-13), amide TFA, a potent ORL1 receptor (opioid receptor-like 1 receptor, OP4) agonist, exhibits a pEC50 of 7.9 in mouse vas deferens and a Ki of 0.75 nM for rat forebrain membrane binding [1] [2].
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6686 mL	3.3431 mL	6.6862 mL
5 mM	0.1337 mL	0.6686 mL	1.3372 mL
10 mM	0.0669 mL	0.3343 mL	0.6686 mL
50 mM	0.0134 mL	0.0669 mL	0.1337 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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