

## [Arg14,Lys15]Nociceptin TFA

## Chemical Properties

CAS No. :

Formula: C84H138F3N31O24

Molecular Weight: 2023.18

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	[Arg14,Lys15]Nociceptin TFA is a potent and selective agonist for the NOP receptor (ORL1; OP4), with an EC50 of 1 nM. It shows significant selectivity against opioid receptors, with IC50 values of 0.32 nM for NOP, and 280, >10000, and 1500 nM for $\mu$ , $\delta$ , and $\kappa$ receptors, respectively [1].
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4943 mL	2.4714 mL	4.9427 mL
5 mM	0.0989 mL	0.4943 mL	0.9885 mL
10 mM	0.0494 mL	0.2471 mL	0.4943 mL
50 mM	0.0099 mL	0.0494 mL	0.0989 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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