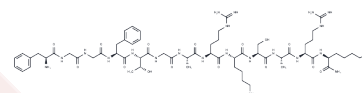


Nociceptin (1-13), amide

Chemical Properties

CAS No. :	178064-02-3
Formula:	C ₆₁ H ₁₀₀ N ₂₂ O ₁₅
Molecular Weight:	1381.59
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	Nociceptin (1-13), amide is a potent ORL1 (OP4) receptor agonist, exhibiting a pEC ₅₀ of 7.9 in mouse vas deferens and a K _i of 0.75 nM for rat forebrain membrane binding.
Targets(IC ₅₀)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7238 mL	3.619 mL	7.238 mL
5 mM	0.1448 mL	0.7238 mL	1.4476 mL
10 mM	0.0724 mL	0.3619 mL	0.7238 mL
50 mM	0.0145 mL	0.0724 mL	0.1448 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

Varani K, et al. Nociceptin receptor binding in mouse forebrain membranes: thermodynamic characteristics and structure activity relationships. Br J Pharmacol. 1998 Dec;125(7):1485-90.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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