

## [Phe1Ψ(CH2-NH)Gly2]Nociceptin(1-13)NH2

### Chemical Properties

CAS No. :	213130-17-7
Formula:	C61H102N22O14
Molecular Weight:	1367.6
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year

### Biological Description

Description	Potent agonist of the nociceptin (ORL1) receptor, demonstrated both in vitro and in vivo. Selective, competitive antagonism at the nociceptin receptor has also been reported (pA2 = 7.02 and 6.75 in the guinea pig ileum and mouse vas deferens respectively).
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### Solubility Information

Solubility	H2O: 0.70 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7312 mL	3.656 mL	7.3121 mL
5 mM	0.1462 mL	0.7312 mL	1.4624 mL
10 mM	0.0731 mL	0.3656 mL	0.7312 mL
50 mM	0.0146 mL	0.0731 mL	0.1462 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.

### Reference

Guerrini et al (1997) Address and message sequences for the nociceptin receptor: a structure-activity study of nociceptin (1-13)-peptide amide. J.Med.Chem. 40 1789 PMID:

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