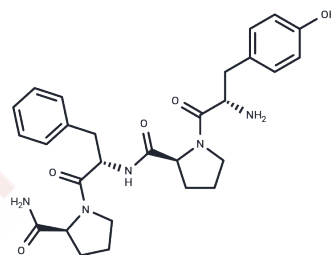


Morphiceptin

Chemical Properties

CAS No. :	74135-04-9
Formula:	C ₂₈ H ₃₅ N ₅ O ₅
Molecular Weight:	521.61
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	Morphiceptin is a synthetic tetrapeptide with morphinelike activities, highly specific for morphine receptors, but not for enkephalin receptors.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9171 mL	9.5857 mL	19.1714 mL
5 mM	0.3834 mL	1.9171 mL	3.8343 mL
10 mM	0.1917 mL	0.9586 mL	1.9171 mL
50 mM	0.0383 mL	0.1917 mL	0.3834 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

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- Gach K, do-Rego JC, Fichna J, Storr M, Delbro D, Toth G, Janecka A. Synthesis and biological evaluation of novel peripherally active morphiceptin analogs. *Peptides*. 2010 Aug;31(8):1617-24. doi: 10.1016/j.peptides.2010.04.018. Epub 2010 Apr 29. PubMed PMID: 20434497.
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