

Dermorphin Analog

Chemical Properties

CAS No. :

Formula: C44H59N11O10

Molecular Weight: 901.43

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	Dermorphin Analog, an analog of Dermorphin, is a natural heptapeptide μ -opioid receptor agonist found in amphibian skin. The dermorphin-derived peptide [Dmt1] Dermorphin Analog labels μ -opioid receptors with high affinity and selectivity in receptor binding assays.
Targets(IC50)	Opioid Receptor

Solubility Information

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

	1mg	5mg	10mg
1 mM	1.1093 mL	5.5467 mL	11.0935 mL
5 mM	0.2219 mL	1.1093 mL	2.2187 mL
10 mM	0.1109 mL	0.5547 mL	1.1093 mL
50 mM	0.0222 mL	0.1109 mL	0.2219 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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