

Deltorphin acetate

Chemical Properties

CAS No. :

Formula: C46H66N10O12S2

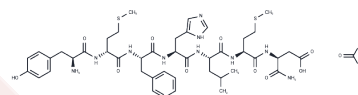
Molecular Weight: 1015.21

Storage:

Store at low temperature, Keep away from moisture,
Keep away from direct sunlight

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	Deltorphin acetate is a substance obtained from the skin secretions of a frog, Phyllomedusa bicolor and shows high selectivity and affinity for δ -opioid receptor.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.985 mL	4.9251 mL	9.8502 mL
5 mM	0.197 mL	0.985 mL	1.970 mL
10 mM	0.0985 mL	0.4925 mL	0.985 mL
50 mM	0.0197 mL	0.0985 mL	0.197 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

Pacifico S, et al. Biased Agonism at Nociceptin/Orphanin FQ Receptors: A Structure Activity Study on N/OFQ(1-13)-NH₂. J Med Chem. 2020 Oct 8;63(19):10782-10795.

Kreil G, et al. Deltorphin, a novel amphibian skin peptide with high selectivity and affinity for delta opioid receptors. Eur J Pharmacol. 1989 Mar 14;162(1):123-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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