

Hemorphin-7 acetate(152685-85-3 free base)

Chemical Properties

CAS No. :

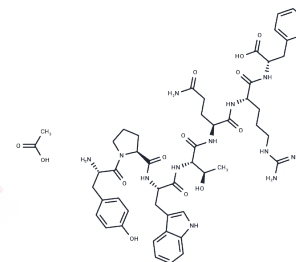
Formula: C51H68N12O13

Molecular Weight: 1057.16

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	Hemorphin-7 acetate is a hemorphin peptide, an endogenous opioid peptide derived from the β -chain of hemoglobin. Hemorphin peptides exhibits antinociceptive and antihypertensive activities, activating opioid receptors and inhibiting angiotensin-converting enzyme (ACE).
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9459 mL	4.7297 mL	9.4593 mL
5 mM	0.1892 mL	0.9459 mL	1.8919 mL
10 mM	0.0946 mL	0.473 mL	0.9459 mL
50 mM	0.0189 mL	0.0946 mL	0.1892 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

Dejouvenel T, et al. Hemorphin 7 reflects hemoglobin proteolysis in abdominal aortic aneurysm. *Arterioscler Thromb Vasc Biol.* 2010 Feb;30(2):269-75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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