

Apelin-17 (human, bovine) acetate

Chemical Properties

CAS No. :

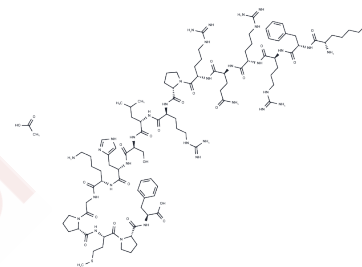
Formula: C98H160N34O22S

Molecular Weight: 2198.63

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	Apelin-17 (human, bovine) acetate is an endogenous apelin receptor agonist. Potently inhibits forskolin-stimulated cAMP accumulation (pIC50 = 9.94).
Targets(IC50)	HIV Protease

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4548 mL	2.2741 mL	4.5483 mL
5 mM	0.091 mL	0.4548 mL	0.9097 mL
10 mM	0.0455 mL	0.2274 mL	0.4548 mL
50 mM	0.0091 mL	0.0455 mL	0.091 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

Medhurst et al (2003) Pharmacological and immunohistochemical characterization of the APJ receptor and its endogenous ligand apelin. J.Neurochem. 84 1162 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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