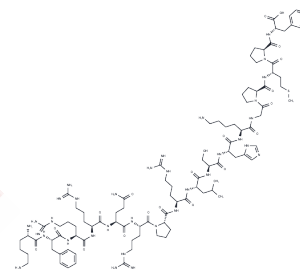


Apelin-17(human, bovine)

Chemical Properties

CAS No. :	217082-57-0
Formula:	C96H156N34O20S
Molecular Weight:	2138.56
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	Endogenous apelin receptor agonist. Potently inhibits forskolin-stimulated cAMP accumulation (pIC50 = 9.94).
Targets(IC50)	Apelin receptor, HIV Protease

Solubility Information

Solubility	H2O: 1.2 mg/mL (0.56 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4676 mL	2.338 mL	4.676 mL
5 mM	0.0935 mL	0.4676 mL	0.9352 mL
10 mM	0.0468 mL	0.2338 mL	0.4676 mL
50 mM	0.0094 mL	0.0468 mL	0.0935 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481