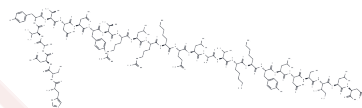


[D-p-Cl-Phe6,Leu17]-VIP

Chemical Properties

CAS No. : 102805-45-8
Formula: C148H239ClN44O42
Molecular Weight: 3342.24
Storage: Keep away from moisture
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	Selective vasoactive intestinal peptide (VIP) receptor antagonist (IC50 = 125.8 nM). Displays no activity on glucagon, secretin or GRF receptors.
Targets(IC50)	PACAP

Solubility Information

Solubility	H2O: 1 mg/mL (0.3 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	0.2992 mL	1.496 mL	2.992 mL
5 mM	0.0598 mL	0.2992 mL	0.5984 mL
10 mM	0.0299 mL	0.1496 mL	0.2992 mL
50 mM	0.006 mL	0.0299 mL	0.0598 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

Pandol et al (1986) Vasoactive intestinal peptide receptor antagonist [4Cl-D-Phe6,Leu17]VIP. Am.J.Physiol. 250 G553 PMID:

Pozo et al (1997) Characterization of VIP receptor-effector system antagonists in rat and mouse peritoneal macrophages. Eur.J.Pharmacol. 321 379 PMID:

Xie et al (2007) Vasoactive intestinal peptide transactivates the androgen receptor through a protein kinase A-dependent extracellular signal-regulated kinase pathway in prostate cancer LNCaP cells. Mol.Pharmacol. 72 73 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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