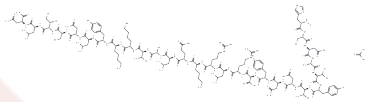
Data Sheet (Cat.No.TP2103L)

TargetMol

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

Chemical Properties



CAS No. :

Formula: C150H243ClN44O44

Molecular Weight: 3402.26

Storage: Store at low temperature,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	[D-p-Cl-Phe6,Leu17]-VIP acetate is a competitive and selective antagonist of vasoactive intestinal peptide (VIP) receptor (IC50 = 125.8 nM).
Targets(IC50)	Others
In vitro	[D-p-Cl-Phe6,Leu17]-VIP acetate is inactive at glucagon, secretin, and GRF receptors[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2939 mL	1.4696 mL	2.9392 mL
5 mM	0.0588 mL	0.2939 mL	0.5878 mL
10 mM	0.0294 mL	0.147 mL	0.2939 mL
50 mM	0.0059 mL	0.0294 mL	0.0588 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 SJ, et, al. Vasoactive intestinal peptide receptor antagonist [4Cl-D-Phe6, Leu17] VIP. Am J Physiol. 1986 Apr; 250 (4 Pt 1): G553-7.

Messmer B, et, al. Regulation of exocrine pancreatic secretion by cerebral TRH and CGRP: role of VIP, muscarinic, and adrenergic pathways. Am J Physiol. 1993 Feb; 264(2 Pt 1): G237-42.

Pozo D, et, al. Characterization of VIP receptor-effector system antagonists in rat and mouse peritoneal macrophages. Eur J Pharmacol. 1997 Mar 5; 321(3): 379-86.

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