

[D-Phe12]-Bombesin acetate

Chemical Properties

CAS No. :

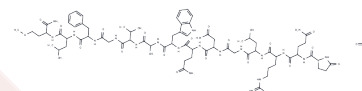
Formula: C76H116N22O20S

Molecular Weight: 1689.94

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	[D-Phe12]-Bombesin acetate inhibits bombesin-stimulated secretion.
Targets(IC50)	Bombesin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5917 mL	2.9587 mL	5.9174 mL
5 mM	0.1183 mL	0.5917 mL	1.1835 mL
10 mM	0.0592 mL	0.2959 mL	0.5917 mL
50 mM	0.0118 mL	0.0592 mL	0.1183 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

Heinz-Erian P, Coy DH, Tamura M, Jones SW, Gardner JD, Jensen RT. [D-Phe12]bombesin analogues: a new class of bombesin receptor antagonists. Am J Physiol. 1987 Mar;252(3 Pt 1):G439-42.

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