

[D-Phe12,Leu14]-Bombesin acetate

Chemical Properties

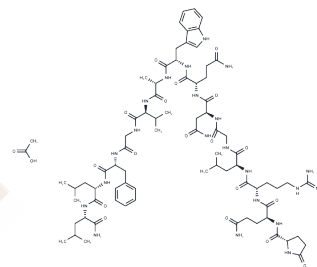
CAS No. :

Formula: C77H118N22O20

Molecular Weight: 1671.9

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-Phe12,Leu14]-Bombesin acetate inhibits bombesin-stimulated secretion.
Targets(IC50)	Bombesin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5981 mL	2.9906 mL	5.9812 mL
5 mM	0.1196 mL	0.5981 mL	1.1962 mL
10 mM	0.0598 mL	0.2991 mL	0.5981 mL
50 mM	0.012 mL	0.0598 mL	0.1196 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.

Di Bello C, Scanelli A, Corradini MG, Paolillo L, Trivellone E, Scatturin A, Vertuani G, Gozzini L, de Castiglione R. Conformation studies on bombesin receptor antagonists: 500 MHz NMR and CD characterization of synthetic (D-Phe12, Leu14)-bombesin. Biochem Biophys Res Commun. 1989 Jun 30;161(3):987-93.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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