

Galanin (1-30), human acetate

Chemical Properties

CAS No. :

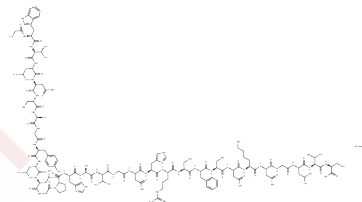
Formula: C141H214N42O45

Molecular Weight: 3217.51

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	Galanin (1-30), human acetate (Galanin) is a 30-amino acid neuropeptide. Galanin (1-30), human acetate acts as an agonist of GalR1 and GalR2 receptors, with Kis of both 1 nM.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3108 mL	1.554 mL	3.108 mL
5 mM	0.0622 mL	0.3108 mL	0.6216 mL
10 mM	0.0311 mL	0.1554 mL	0.3108 mL
50 mM	0.0062 mL	0.0311 mL	0.0622 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

Hua XY, et al. Galanin acts at GalR1 receptors in spinal antinociception: synergy with morphine and AP-5. J Pharmacol Exp Ther. 2004 Feb;308(2):574-82.

Schmidt WE, et al. Isolation and primary structure of pituitary human galanin, a 30-residue nonamidated neuropeptide. Proc Natl Acad Sci U S A. 1991 Dec 15;88(24):11435-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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