

Galanin (1-16), mouse, porcine, rat TFA

Chemical Properties

CAS No. :

Formula: C80H117F3N20O23

Molecular Weight: 1783.9

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 (1-16), mouse, porcine, rat is a potent agonist of the hippocampal galanin receptor with a Kd of 3 nM, and it exhibits high biological activity on locus coeruleus neurons.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5606 mL	2.8028 mL	5.6057 mL
5 mM	0.1121 mL	0.5606 mL	1.1211 mL
10 mM	0.0561 mL	0.2803 mL	0.5606 mL
50 mM	0.0112 mL	0.0561 mL	0.1121 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

Fisone G, et al. N-terminal galanin-(1-16) fragment is an agonist at the hippocampal galanin receptor. Proc Natl Acad Sci U S A. 1989 Dec;86(23):9588-91.

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