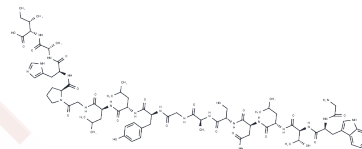


Galanin (1-16), mouse, porcine, rat

Chemical Properties

CAS No. :	125118-77-6
Formula:	C78H116N20O21
Molecular Weight:	1669.88
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Galanin (1-16), mouse, porcine, rat, is a hippocampal galanin receptor agonist (Kd = 3 nM) exhibiting high biological activity on locus coeruleus neurons.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5988 mL	2.9942 mL	5.9885 mL
5 mM	0.1198 mL	0.5988 mL	1.1977 mL
10 mM	0.0599 mL	0.2994 mL	0.5988 mL
50 mM	0.012 mL	0.0599 mL	0.1198 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

Hilke S, et al. A short estrogen-responsive N-terminal galanin homologue found in rat brain and gut with antiserum raised against rat galanin(1-16). *Neurochem Res.* 2006 Feb;31(2):177-88.

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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