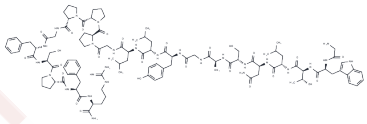
Data Sheet (Cat.No.TP1662)

TargetMol

Galanin Receptor Ligand M35

Chemical Properties



CAS No. : 142846-71-7

Formula: C107H153N27O26

Molecular Weight: 2233.6

Storage: 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	The chimeric peptide M35 [galanin (1-13)-bradykinin(2-9) amide] is a high-affinity galanin receptor ligand acting as a galanin receptor antagonist in the rat spinal cord, rat hippocampus and isolated mouse pancreatic islets. The radiolabelled M35 and performed equilibrium binding studies with [125I] M35 on the rat pancreatic beta-cell line Rin m 5F.
Targets(IC50)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4477 mL	2.2385 mL	4.4771 mL
5 mM	0.0895 mL	0.4477 mL	0.8954 mL
10 mM	0.0448 mL	0.2239 mL	0.4477 mL
50 mM	0.009 mL	0.0448 mL	0.0895 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

Kask K, et al. Binding and agonist/antagonist actions of M35, galanin(1-13)-bradykinin(2-9)amide chimeric peptide, in Rin m 5F insulinoma cells. Regul Pept. 1995 Nov 10;59(3):341-8.

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