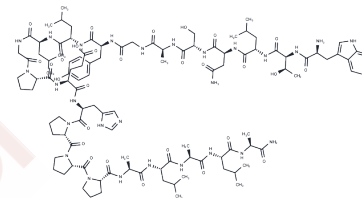


M871

Chemical Properties

CAS No. : 908844-75-7
 Formula: C108H163N27O28
 Molecular Weight: 2287.64
 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	Selective galanin GAL2 receptor antagonist (K _i values are 13.1 and 420 nM for GAL2 and GAL1 receptors respectively). Blocks the pro-nociceptive effect of GAL2 receptor agonists.
Targets(IC50)	Neuropeptide Y Receptor

Solubility Information

Solubility H₂O: 1 mg/mL (0.44 mM), Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4371 mL	2.1857 mL	4.3713 mL
5 mM	0.0874 mL	0.4371 mL	0.8743 mL
10 mM	0.0437 mL	0.2186 mL	0.4371 mL
50 mM	0.0087 mL	0.0437 mL	0.0874 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

Jimenez-Andrade et al (2006) Activation of peripheral galanin receptors: differential effects on nociception. Pharmacol.Biochem.Behav. 85 273 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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