

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

Chemical Properties

CAS No.:	125118-77-6
Formula:	C78H116N20O21
Molecular Weight:	1669.88
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Galanin(1-16),mouse,porcine,rat(TFA) is a Galanin receptor agonist with a Kd value of 3nM..
In vitro	Galanin (1-16), mouse, porcine, rat is an agonist of the hippocampal galanin receptor, with a Kd of 3 nM[1]. Galanin (1-16), mouse, porcine, rat shows high biological activity on locus coeruleus neurons[2].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.599 mL	2.994 mL	5.988 mL
5 mM	0.12 mL	0.599 mL	1.198 mL
10 mM	0.06 mL	0.299 mL	0.599 mL
50 mM	0.012 mL	0.06 mL	0.12 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481