

M1145

Chemical Properties

CAS No. : 1172089-00-7

Formula: C128H205N37O32

Molecular Weight: 2774.26

RGRGNWTLNSAGYLLGPVLPPLALALA-NH2

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Potent and selective galanin receptor 2 (GAL2) agonist (EC50 = 38 nM, Ki values are 6.55, 497 and 587 nM at GAL2, GAL3 and GAL1 respectively). Has an additive effect on the signal transduction of galanin.
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Solubility Information

Solubility	H2O: 5 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3605 mL	1.8023 mL	3.6046 mL
5 mM	0.0721 mL	0.3605 mL	0.7209 mL
10 mM	0.036 mL	0.1802 mL	0.3605 mL
50 mM	0.0072 mL	0.036 mL	0.0721 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.

Reference

Runesson et al (2009) A novel GalR2-specific peptide agonist. Neuropeptides 43 187 PMID:

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