

G-Protein antagonist peptide acetate

Chemical Properties

CAS No. :

Formula: C59H68N12O11S

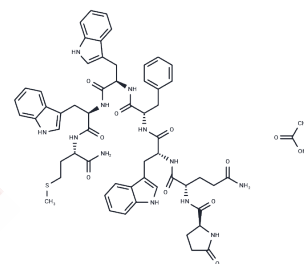
Molecular Weight: 1153.33

Storage:

Store at low temperature, 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	G-Protein antagonist peptide acetate is a truncated substance P-related peptide, competes with receptor for G protein binding. G-Protein antagonist peptide acetate inhibits the activation of Gi or Go by M2 muscarinic cholinergic receptor (M2 mAChR) or of Gs by beta-adrenergic receptor in the reconstituted phospholipid vesicles, assayed by receptor-promoted GTP hydrolysis
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8671 mL	4.3353 mL	8.6705 mL
5 mM	0.1734 mL	0.8671 mL	1.7341 mL
10 mM	0.0867 mL	0.4335 mL	0.8671 mL
50 mM	0.0173 mL	0.0867 mL	0.1734 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

Mukai H, et al. G protein antagonists. A novel hydrophobic peptide competes with receptor for G protein binding. J Biol Chem. 1992;267(23):16237-16243.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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