

AC 187 Acetate

Chemical Properties

CAS No. :

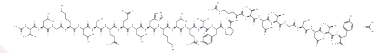
Formula: C129H209N37O42

Molecular Weight: 2950.26

Keep away from moisture

Storage: 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	AC 187 Acetate is a potent antagonist of amylin receptor .AC 187 shows more selective for amylin receptor than calcitonin and CGRP receptors.
Targets(IC50)	Amylin Receptor
In vitro	AC187 attenuates the activation of initiator and effector caspases that mediate A β -induced apoptotic cell death.

Solubility Information

Solubility	H2O: 90 mg/mL (30.51 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.339 mL	1.6948 mL	3.3895 mL
5 mM	0.0678 mL	0.339 mL	0.6779 mL
10 mM	0.0339 mL	0.1695 mL	0.339 mL
50 mM	0.0068 mL	0.0339 mL	0.0678 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

Jack H Jhamandas, et al. Antagonist of the amylin receptor blocks beta-amyloid toxicity in rat cholinergic basal forebrain neurons. J Neurosci. 2004 Jun 16;24(24):5579-84.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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