

α -CGRP (human) acetate

Chemical Properties

CAS No. :

Formula:

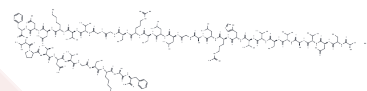
Molecular Weight: 3852.41

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	α -CGRP (human) acetate is a regulatory neuropeptide of 37 amino acids. It is the most potent vasodilator known to date and has inotropic and chronotropic effects.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 20.7 mg/mL (5.37 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	0.2596 mL	1.2979 mL	2.5958 mL
5 mM	0.0519 mL	0.2596 mL	0.5192 mL
10 mM	0.026 mL	0.1298 mL	0.2596 mL
50 mM	0.0052 mL	0.026 mL	0.0519 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

Ambrish Kumar, et al. Protective Role of α -Calcitonin Gene-Related Peptide in Cardiovascular Diseases. Front Physiol. 2019 Jul 2;10:821.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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