

CGRP 8-37 (rat)

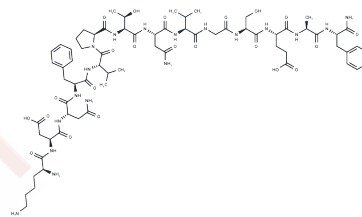
Chemical Properties

CAS No. : 129121-73-9

Formula: C138H224N42O41

Molecular Weight: 3127.51

Storage: Keep away from direct sunlight, 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	CGRP 8-37 (rat) is a CGRP receptor antagonist, a CGRP fragment with potential anti-injury effects that induces arterial relaxation.
Targets(IC50)	CGRP Receptor

Solubility Information

Solubility	H2O: 15 mg/mL (4.8 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	0.3197 mL	1.5987 mL	3.1974 mL
5 mM	0.0639 mL	0.3197 mL	0.6395 mL
10 mM	0.032 mL	0.1599 mL	0.3197 mL
50 mM	0.0064 mL	0.032 mL	0.0639 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

Bennett AD, et al. Alleviation of mechanical and thermal allodynia by CGRP(8-37) in a rodent model of chronic central pain. Pain. 2000 May;86(1-2):163-75.

Yu LC, et al. The calcitonin gene-related peptide antagonist CGRP8-37 increases the latency to withdrawal responses in rats. Brain Res. 1994 Aug 8;653(1-2):223-30.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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