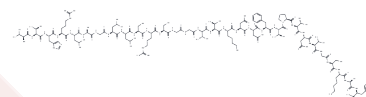


HCGRP-(8-37)

Chemical Properties

CAS No. : 119911-68-1
 Formula: C139H230N44O38
 Molecular Weight: 3125.59
 Storage: 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	Rat CGRP-(8-37) (VTHRLAGLLSRSGGVVKDNFVPTNVGSEAF) is a highly selective CGRP receptor antagonist
Targets(IC50)	CGRP Receptor

Solubility Information

Solubility	H2O: 20 mg/mL (6.4 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	0.3199 mL	1.5997 mL	3.1994 mL
5 mM	0.064 mL	0.3199 mL	0.6399 mL
10 mM	0.032 mL	0.160 mL	0.3199 mL
50 mM	0.0064 mL	0.032 mL	0.064 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

Chiba T, et al. Calcitonin gene-related peptide receptor antagonist human CGRP-(8-37). Am J Physiol. 1989 Feb;256 (2 Pt 1):E331-5.

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