

α -CGRP(human)

Chemical Properties

CAS No. : 90954-53-3

Formula: C163H267N51O49S2

Molecular Weight: 3789.33

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.

ACDTATCVTHRLAGLLSRSGGVKNNFVPTNVGSKAF-NH₂
(Disulfide bridge:Cys2-Cys7)

Biological Description

Description	Endogenous calcitonin gene-related peptide receptor (CGRP) agonist.
Targets(IC50)	CGRP Receptor

Solubility Information

Solubility	H2O: 0.5 mg/mL (0.13 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	0.2639 mL	1.3195 mL	2.639 mL
5 mM	0.0528 mL	0.2639 mL	0.5278 mL
10 mM	0.0264 mL	0.1319 mL	0.2639 mL
50 mM	0.0053 mL	0.0264 mL	0.0528 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

Poyner et al (2002) International union of pharmacology XXXII. The mammalian calcitonin gene-related peptides, adrenomedullin, amylin, and calcitonin receptors. Pharmacol.Revs. 54 233

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