

α -CGRP(human)

Chemical Properties

CAS No. : 90954-53-3

Formula: C163H267N51O49S2

Molecular Weight: 3789.33

ACDTATCVTHRLAGLLSRSGGVVKNFVPTNVGSKAF-NH₂
(Disulfide bridge:Cys2-Cys7)

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

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

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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