

Adrenomedullin (11-50), rat

Chemical Properties

CAS No. :	163648-32-6
Formula:	C194H304N58O59S4
Molecular Weight:	4521.17
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

STGCRFGTCTMAKLAHQYVFTDKDKDGMAP RNKISPGDY-NH₂(Dnafile bridge, Cys4-Cys6)

Biological Description

Description	Adrenomedullin 11-50 rat is a peptide fragment of adrenomedullin that possesses systemic vasodilator activity at the level of calcitonin gene-related peptide-1 (CGRP1) receptor activation. Adrenomedullin and its peptide may be used in bone growth studies.
Targets(IC50)	CGRP Receptor

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2212 mL	1.1059 mL	2.2118 mL
5 mM	0.0442 mL	0.2212 mL	0.4424 mL
10 mM	0.0221 mL	0.1106 mL	0.2212 mL
50 mM	0.0044 mL	0.0221 mL	0.0442 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

Berthiaume N, et al. Rat adrenomedullin induces a selective arterial vasodilation via CGRP1 receptors in the double-perfused mesenteric bed of the rat. Can J Physiol Pharmacol. 1995 Jul;73(7):1080-3.

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