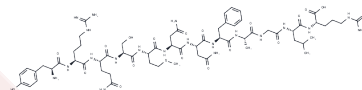


Adrenomedullin (1-50), rat

Chemical Properties

CAS No. :	159964-38-2
Formula:	C248H381N77O75S5
Molecular Weight:	5729.5
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>



Biological Description

Description	Adrenomedullin (1-50), rat, is a 50 amino acid peptide that induces selective arterial vasodilation via activation of the CGRP1 receptor. This peptide hormone is expressed in rat adrenal glands, lung, kidney, heart, and spleen, as well as in the duodenum and submandibular glands.
Targets(IC50)	CGRP Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1745 mL	0.8727 mL	1.7454 mL
5 mM	0.0349 mL	0.1745 mL	0.3491 mL
10 mM	0.0175 mL	0.0873 mL	0.1745 mL
50 mM	0.0035 mL	0.0175 mL	0.0349 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481