

$\beta$ -CGRP, human

## Chemical Properties

CAS No. :	101462-82-2
Formula:	C162H267N51O48S3
Molecular Weight:	3793.41
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>

ACNTATCVTHRLAGLLSRGGMWSNPFPTWVGGKAFNH<sub>2</sub>(Disulfide bridge: Cys<sub>1</sub>-Cys<sub>18</sub>)

## Biological Description

Description	$\beta$ -CGRP, human, a 37-amino acid peptide, is the beta form of Calcitonin-gene-related peptide ( $\beta$ -CGRP), involved extensively in regulation of the cardiovascular and nervous systems. $\beta$ -CGRP contains a disulphide bridge at the N-terminus, a C-terminal phenylalanine amide important for immune recognition, and an $\alpha$ -helix between residues 8 and 18.
Targets(IC50)	CGRP Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2636 mL	1.3181 mL	2.6362 mL
5 mM	0.0527 mL	0.2636 mL	0.5272 mL
10 mM	0.0264 mL	0.1318 mL	0.2636 mL
50 mM	0.0053 mL	0.0264 mL	0.0527 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

McLatchie LM, et al. RAMPs regulate the transport and ligand specificity of the calcitonin-receptor-like receptor. Nature. 1998 May 28;393(6683):333-9.

**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