

Calcitonin Gene Related Peptide (CGRP) II, rat

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 99889-63-1 |
| Formula: | C163H267N51O50S2 |
| Molecular Weight: | 3805.31 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i> |

SCNTATCVTHRLAGLLSRGGVVKDRPPTNVSQKAF-NH₂ (Disulfide bridge: Cys₁-Cys₆)

Biological Description

| | |
|---------------|--|
| Description | Calcitonin Gene Related Peptide II is a potent, long-lasting vasodilator; activation of CGRP receptors on pancreatic β -cells increases plasma levels of pancreatic enzymes. |
| Targets(IC50) | CGRP Receptor |

Solubility Information

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

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.2628 mL | 1.314 mL | 2.6279 mL |
| 5 mM | 0.0526 mL | 0.2628 mL | 0.5256 mL |
| 10 mM | 0.0263 mL | 0.1314 mL | 0.2628 mL |
| 50 mM | 0.0053 mL | 0.0263 mL | 0.0526 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

Beglinger C, et al. Calcitonin gene-related peptides I and II and calcitonin: distinct effects on gastric acid secretion in humans. *Gastroenterology*. 1988 Oct;95(4):958-65.

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