

CNP-38

Chemical Properties

CAS No. :

Formula: C175H291N55O50S3

Molecular Weight: 4061.72

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	CNP-38, a C-type natriuretic peptide (CNP) analog.
Targets(IC50)	RAAS
In vivo	CNP-38 (subcutaneous injection, 800 µg/kg, single dose) was found to reduce the blood pressure in male telemetry-adult Crl:CD1(ICR) mice [1]. Furthermore, administration of CNP-38 (either by subcutaneous injection or continuous infusion, 203 µg/kg, daily for 5 weeks) significantly promoted axial and appendicular skeletal growth in mice, with the continuous infusion method showing a more pronounced effect [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2462 mL	1.231 mL	2.462 mL
5 mM	0.0492 mL	0.2462 mL	0.4924 mL
10 mM	0.0246 mL	0.1231 mL	0.2462 mL
50 mM	0.0049 mL	0.0246 mL	0.0492 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.

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