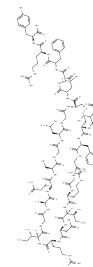


Atriopeptin III (rat)

Chemical Properties

CAS No. :	90817-13-3
Formula:	C107H165N35O34S2
Molecular Weight:	2549.8
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	Atriopeptin III (rat) (ANP 127-150), a 24-amino acid atrial peptide, functions as a powerful vasodilator and natriuretic/diuretic agent, enhancing renal functions and reducing blood pressure in a rat model with ureter-obstructed kidneys. It is utilized in research concerning chronic renal failure [1].
Targets(IC50)	Natriuretic peptide

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3922 mL	1.9609 mL	3.9219 mL
5 mM	0.0784 mL	0.3922 mL	0.7844 mL
10 mM	0.0392 mL	0.1961 mL	0.3922 mL
50 mM	0.0078 mL	0.0392 mL	0.0784 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