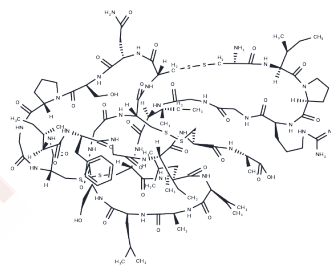


Roseltide rT1

Chemical Properties

CAS No. :	2206692-95-5
Formula:	C110H177N31O31S6
Molecular Weight:	2622.16
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	Roseltide rT1 is a neutrophil elastase inhibitor (IC ₅₀ =0.47 μM) and is rich in cysteine, classified as one of the Roseltides (rT1-rT8). It has the potential to inhibit related diseases by improving neutrophil elastase-stimulated cAMP accumulation in vitro.
Targets(IC ₅₀)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3814 mL	1.9068 mL	3.8136 mL
5 mM	0.0763 mL	0.3814 mL	0.7627 mL
10 mM	0.0381 mL	0.1907 mL	0.3814 mL
50 mM	0.0076 mL	0.0381 mL	0.0763 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