

P9R

Chemical Properties

CAS No. : 2484874-12-4

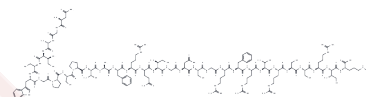
Formula: C144H232N52O35S5

Molecular Weight: 3412.03

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	P9R is an antiviral peptide with broad-spectrum activity against coronaviruses (SARS-CoV-2, MERS-CoV, and SARS-CoV), influenza A H1N1 virus (A(H1N1)pdm09), influenza A H7N9 virus (A(H7N9) virus), and rhinovirus. It binds directly to viruses and inhibits virus-host endosomal acidification. P9R significantly protects mice from infection by influenza A H1N1 virus (A(H1N1)pdm09) without leading to resistant viruses. P9R is applicable in studying pH-dependent respiratory viruses.
Targets(IC50)	Influenza Virus,SARS-CoV,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2931 mL	1.4654 mL	2.9308 mL
5 mM	0.0586 mL	0.2931 mL	0.5862 mL
10 mM	0.0293 mL	0.1465 mL	0.2931 mL
50 mM	0.0059 mL	0.0293 mL	0.0586 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