

Citrullinated LL-37 1cit

Chemical Properties

CAS No. :

Formula: C205H339N59O54

Molecular Weight: 4494.25

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	Citrullinated LL-37 1cit, a modified LL-37 peptide, retains the antiviral properties of its parent compound against human rhinovirus and exhibits antibacterial activity against <i>S. aureus</i> . Furthermore, it diminishes the RV1B-induced expression of pro-inflammatory cytokines, including IL-8, CCL5, and IL-6 mRNA [1].
Targets(IC50)	Antibacterial, Interleukin, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2225 mL	1.1125 mL	2.2251 mL
5 mM	0.0445 mL	0.2225 mL	0.445 mL
10 mM	0.0223 mL	0.1113 mL	0.2225 mL
50 mM	0.0045 mL	0.0223 mL	0.0445 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