

LU9

Chemical Properties

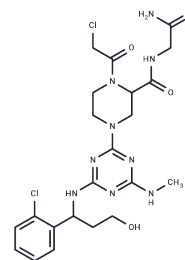
CAS No. :

Formula: C₂₂H₂₉Cl₂N₉O₄

Molecular Weight: 554.43

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	LU9 is an effective 3CLpro inhibitor with an IC ₅₀ of 0.34 μM and potential application in SARS-CoV-2 research.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8037 mL	9.0183 mL	18.0365 mL
5 mM	0.3607 mL	1.8037 mL	3.6073 mL
10 mM	0.1804 mL	0.9018 mL	1.8037 mL
50 mM	0.0361 mL	0.1804 mL	0.3607 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