

RA-0002034

Chemical Properties

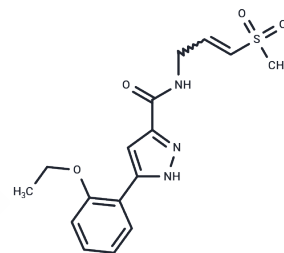
CAS No. : 2305572-22-7

Formula: C₁₆H₁₉N₃O₄S

Molecular Weight: 349.41

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	RA-0002034 is a potent, irreversible covalent inhibitor specifically targeting the alphavirus nsP2 cysteine protease, exhibiting broad-spectrum antiviral activity [IC ₅₀ = 60 nM].
Targets(IC ₅₀)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.862 mL	14.3098 mL	28.6197 mL
5 mM	0.5724 mL	2.862 mL	5.7239 mL
10 mM	0.2862 mL	1.431 mL	2.862 mL
50 mM	0.0572 mL	0.2862 mL	0.5724 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