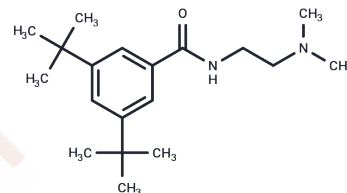


Jun15716

Chemical Properties

CAS No. : 827034-42-4
 Formula: C₁₉H₃₂N₂O
 Molecular Weight: 304.47
 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	Jun15716 is an inhibitor of the enterovirus 2C protein (EVs 2C) with Ki values of 15.9 μM for EV-D68, 44.2 μM for EV-A71, and 17.8 μM for CVB3. It exhibits potent antiviral activity against EV-D68 US/MO/14-18947 and CVB3 Nancy cells, with EC ₅₀ values of 1.0 μM and 0.7 μM, respectively. Jun15716 is applicable in viral infection research, including studies on meningitis, hand-foot-and-mouth disease (HFMD), and viral myocarditis.
Targets(IC ₅₀)	Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2844 mL	16.422 mL	32.844 mL
5 mM	0.6569 mL	3.2844 mL	6.5688 mL
10 mM	0.3284 mL	1.6422 mL	3.2844 mL
50 mM	0.0657 mL	0.3284 mL	0.6569 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

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