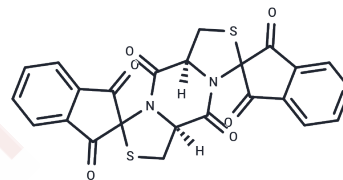


ZINC03129319

Chemical Properties

CAS No. : 1777807-64-3
Formula: C₂₄H₁₄N₂O₆S₂
Molecular Weight: 490.51
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ZINC03129319 is an inhibitor of dengue virus (DENV) NS2B-NS3 protease.
Targets(IC50)	Virus Protease
In vitro	ZINC03129319 inhibits DENV NS2B-NS3 protease with Ki1 of 92±15 µM and Ki3 of 20±4 µM.

Solubility Information

Solubility	DMSO: 41.67 mg/mL (84.95 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0387 mL	10.1935 mL	20.3869 mL
5 mM	0.4077 mL	2.0387 mL	4.0774 mL
10 mM	0.2039 mL	1.0193 mL	2.0387 mL
50 mM	0.0408 mL	0.2039 mL	0.4077 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.

Reference

Watowich, Stanley J, et al. SMALL-MOLECULE INHIBITORS OF DENGUE VIRUS PROTEASES. US20150141521A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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