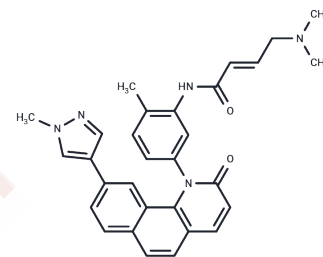


YKL-04-085

Chemical Properties

CAS No. : 2120356-29-6
 Formula: C₃₀H₂₉N₅O₂
 Molecular Weight: 491.6
 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	YKL-04-085 is a potent inhibitor of viral translation. YKL-04-085 has cellular antiviral activity at 35-fold lower concentrations relative to inhibition of host-cell proliferation. YKL-04-085 demonstrated good inhibition of translation of the DENV2(GVD) reporter replicon in cellulo.
Targets(IC50)	Others,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0342 mL	10.1709 mL	20.3417 mL
5 mM	0.4068 mL	2.0342 mL	4.0683 mL
10 mM	0.2034 mL	1.0171 mL	2.0342 mL
50 mM	0.0407 mL	0.2034 mL	0.4068 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.

Reference

Structure-Activity Relationship Study of QL47: A Broad-Spectrum Antiviral Agent Yanke LiangMelissanne de WispelaereMargot CarocciQingsong LiuJinhua WangPriscilla L. YangNathanael S. Gray Publication Date (Web): February 3, 2017 (Letter) DOI: 10.1021/acsmedchemlett.7b00008

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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