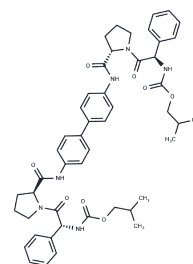


HCV-IN-41

Chemical Properties

CAS No. : 2468169-71-1
 Formula: C₄₈H₅₆N₆O₈
 Molecular Weight: 844.99
 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	HCV-IN-41 (compound 4), a potent inhibitor of the hepatitis C virus (HCV), demonstrates exceptional inhibitory effectiveness across different genotypes, with EC ₅₀ values of 0.006762 nM for genotype 1b, 5.183 nM for 2a, 1.365 nM for 3a, and 142.2 nM for 4a, respectively. It effectively reduces HCV RNA replication [1].
Targets(IC ₅₀)	Others,HCV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1834 mL	5.9172 mL	11.8345 mL
5 mM	0.2367 mL	1.1834 mL	2.3669 mL
10 mM	0.1183 mL	0.5917 mL	1.1834 mL
50 mM	0.0237 mL	0.1183 mL	0.2367 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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481