

HCV-IN-4

Chemical Properties

CAS No. : 2058080-25-2

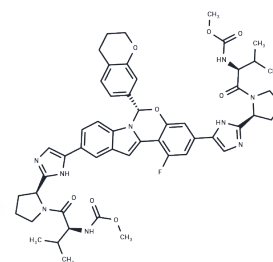
Formula: C52H58FN9O8

Molecular Weight: 956.07

Keep away from moisture

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-4, a potent and orally active inhibitor of HCV NS5A, demonstrates significant efficacy against genotypes GT1a, GT2b, GT3a, and the GT1a mutations Y93H and L31V. Its half-maximal effective concentrations (EC90s) are 3 pM, 0.3 nM, 0.01 nM, 0.5 nM, and 0.02 nM, respectively[1].
Targets(IC50)	HCV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0459 mL	5.2297 mL	10.4595 mL
5 mM	0.2092 mL	1.0459 mL	2.0919 mL
10 mM	0.1046 mL	0.523 mL	1.0459 mL
50 mM	0.0209 mL	0.1046 mL	0.2092 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

Yu W, et al. Discovery of Chromane Containing Hepatitis C Virus (HCV) NS5A Inhibitors with Improved Potency against Resistance-Associated Variants. J Med Chem. 2016 Nov 23;59(22):10228-10243. Epub 2016 Nov 9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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