

MK-6169

## Chemical Properties

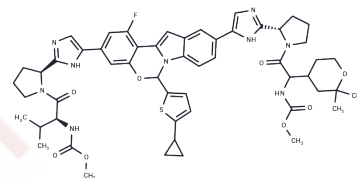
CAS No. : 1620479-63-1

Formula: C54H62FN9O8S

Molecular Weight: 1016.2

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	MK-6169 is an effective Pan-Genotype Hepatitis C Virus NS5A inhibitor. It also has Optimized Activity against Common Resistance-Associated Substitutions.
Targets(IC50)	Others,HCV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9841 mL	4.9203 mL	9.8406 mL
5 mM	0.1968 mL	0.9841 mL	1.9681 mL
10 mM	0.0984 mL	0.492 mL	0.9841 mL
50 mM	0.0197 mL	0.0984 mL	0.1968 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, Tong L, Selyutin O, Chen L, Hu B, Zhong B, Hao J, Ji T, Zan S, Yin J, Ruck RT, Curry S, McMonagle P, Agrawal S, Rokosz L, Carr D, Ingravallo P, Bystol K, Lahser F, Liu R, Chen S, Feng KI, Cartwright M, Asante-Appiah E, Kozlowski JA. Discovery of MK-6169, a Potent Pan-Genotype Hepatitis C Virus NS5A Inhibitor with Optimized Activity against Common Resistance-Associated Substitutions. J Med Chem. 2018 May 1. doi: 10.1021/acs.jmedchem.7b01927. [Epub ahead of print] PubMed PMID: 29681153.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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