

BMS-986094

Chemical Properties

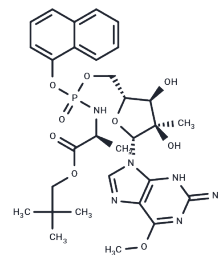
CAS No. : 1234490-83-5

Formula: C₃₀H₃₉N₆O₉P

Molecular Weight: 658.64

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	INX 08189 is an RNA-directed RNA polymerase (NS5B) inhibitor.
Targets(IC50)	Others,HCV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5183 mL	7.5914 mL	15.1828 mL
5 mM	0.3037 mL	1.5183 mL	3.0366 mL
10 mM	0.1518 mL	0.7591 mL	1.5183 mL
50 mM	0.0304 mL	0.1518 mL	0.3037 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

McGuigan C, Madela K, Aljarah M, Gilles A, Brancale A, Zonta N, Chamberlain S, Vernachio J, Hutchins J, Hall A, Ames B, Gorovits E, Ganguly B, Kolykhalov A, Wang J, Muhammad J, Patti JM, Henson G. Design, synthesis and evaluation of a novel double pro-drug: INX-08189. A new clinical candidate for hepatitis C virus. *Bioorg Med Chem Lett*. 2010 Aug 15;20(16):4850-4. doi: 10.1016/j.bmcl.2010.06.094. PubMed PMID: 20637609.

Vernachio JH, Bleiman B, Bryant KD, Chamberlain S, Hunley D, Hutchins J, Ames B, Gorovits E, Ganguly B, Hall A, Kolykhalov A, Liu Y, Muhammad J, Raja N, Walters CR, Wang J, Williams K, Patti JM, Henson G, Madela K, Aljarah M, Gilles A, McGuigan C. INX-08189, a phosphoramidate prodrug of 6-O-methyl-2'-C-methyl guanosine, is a potent inhibitor of hepatitis C virus replication with excellent pharmacokinetic and pharmacodynamic properties. *Antimicrob Agents Chemother*. 2011 May;55(5):1843-51. doi: 10.1128/AAC.01335-10. PubMed PMID: 21357300; PubMed Central PMCID: PMC3088254.

Yeo KL, Chen YL, Xu HY, Dong H, Wang QY, Yokokawa F, Shi PY. Synergistic suppression of dengue virus replication using a combination of nucleoside analogs and nucleoside synthesis inhibitors. *Antimicrob Agents Chemother*. 2015 Apr;59(4):2086-93. doi: 10.1128/AAC.04779-14. PubMed PMID: 25624323; PubMed Central PMCID: PMC4356831.

Gentile I, Buonomo AR, Zappulo E, Borgia G. Discontinued drugs in 2012 - 2013: hepatitis C virus infection. *Expert Opin Investig Drugs*. 2015 Feb;24(2):239-51. doi: 10.1517/13543784.2015.982274. PubMed PMID: 25384989.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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