

Sofosbuvir-13C-D3

Chemical Properties

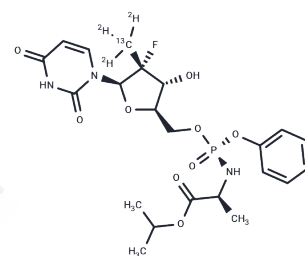
CAS No. :

Formula: 13C C₂₁H₂₆FN₃O₉PD₃

Molecular Weight: 533.46

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	Sofosbuvir-13C-D3 is the 13C and deuterated compound of Sofosbuvir. Sofosbuvir (T6676) has a CAS number of 1190307-88-0. Sofosbuvir (T6676) is a uridine monophosphate analog inhibitor of hepatitis C virus (HCV) polymerase NS5B that is used as an antiviral agent in the treatment of chronic hepatitis C.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8746 mL	9.3728 mL	18.7455 mL
5 mM	0.3749 mL	1.8746 mL	3.7491 mL
10 mM	0.1875 mL	0.9373 mL	1.8746 mL
50 mM	0.0375 mL	0.1875 mL	0.3749 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

1. Murakami E, et al. J Biol Chem, 2010, 285(45), 34337-34347.

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