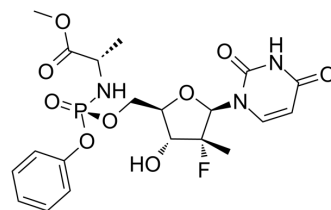


Sofosbuvir impurity N

Cat. No.:	HY-I0513		
CAS No.:	1394157-34-6		
Molecular Formula:	C ₂₀ H ₂₅ FN ₃ O ₉ P		
Molecular Weight:	501.4		
Target:	HCV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (199.44 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9944 mL	9.9721 mL	19.9442 mL
5 mM	0.3989 mL	1.9944 mL	3.9888 mL
10 mM	0.1994 mL	0.9972 mL	1.9944 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sofosbuvir impurity N, an diastereoisomer of Sofosbuvir, is the impurity of Sofosbuvir. Sofosbuvir (PSI-7977) is an inhibitor of HCV RNA replication, demonstrates potent anti-hepatitis C virus activity.

IC₅₀ & Target

HCV^[1]

Caution: Product has not been fully validated for medical applications. For research use only.

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