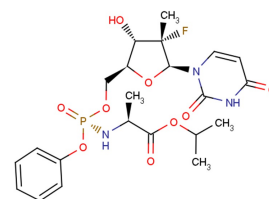


Sofosbuvir impurity D

Chemical Properties

CAS No.:	T12959
Formula:	C ₂₂ H ₂₉ FN ₃ O ₉ P
Molecular Weight:	529.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Sofosbuvir impurity D is the less active impurity of Sofosbuvir. Sofosbuvir is an active HCV RNA replication inhibitor in the HCV replicon assay, with potent anti-hepatitis C virus (HCV) activity.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.889 mL	9.444 mL	18.888 mL
5 mM	0.378 mL	1.889 mL	3.778 mL
10 mM	0.189 mL	0.944 mL	1.889 mL
50 mM	0.038 mL	0.189 mL	0.378 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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

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