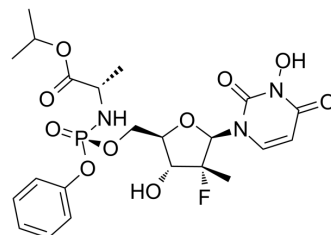


## Sofosbuvir impurity L

Cat. No.:	HY-I1196		
Molecular Formula:	C <sub>22</sub> H <sub>29</sub> FN <sub>3</sub> O <sub>10</sub> P		
Molecular Weight:	545.45		
Target:	HCV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

THF : 10 mg/mL (18.33 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8333 mL	9.1667 mL	18.3335 mL
	5 mM	0.3667 mL	1.8333 mL	3.6667 mL
	10 mM	0.1833 mL	0.9167 mL	1.8333 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Sofosbuvir impurity L, 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.

#### IC<sub>50</sub> & Target

HCV<sup>[1]</sup>

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

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