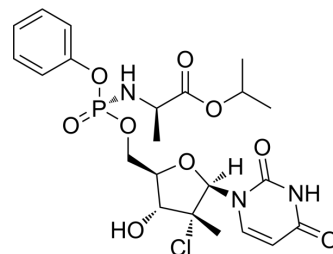


Uprifosbuvir

Cat. No.:	HY-103487		
CAS No.:	1496551-77-9		
Molecular Formula:	C ₂₂ H ₂₉ ClN ₃ O ₉ P		
Molecular Weight:	545.91		
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

DMSO : 250 mg/mL (457.95 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8318 mL	9.1590 mL	18.3180 mL
	5 mM	0.3664 mL	1.8318 mL	3.6636 mL
	10 mM	0.1832 mL	0.9159 mL	1.8318 mL

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

BIOLOGICAL ACTIVITY

Description

Uprifosbuvir is an antiviral agent. Uprifosbuvir is a NS5b inhibitor developed for the research of chronic hepatitis C virus^[1].

REFERENCES

[1]. Klapars A, et al. Efficient synthesis of antiviral agent uprifosbuvir enabled by new synthetic methods. Chem Sci. 2021;12(26):9031-9036.

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

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