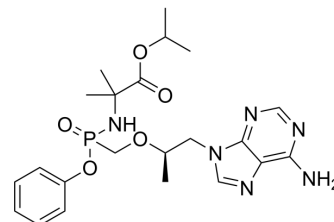


(1R)-Tenofovir amibufenamide

Cat. No.:	HY-137453B		
CAS No.:	1571076-15-7		
Molecular Formula:	C ₂₂ H ₃₁ N ₆ O ₅ P		
Molecular Weight:	490.49		
Target:	HBV; HIV		
Pathway:	Anti-infection		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.10 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (5.10 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (5.10 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(1R)-Tenofovir amibufenamide ((1R)-HS-10234) is the isomer of Tenofovir amibufenamide, is an orally active antiviral agent. (1R)-Tenofovir amibufenamide ((1R)-HS-10234) is a HIV infection inhibitor and HBV infection inhibitor. (1R)-Tenofovir amibufenamide ((1R)-HS-10234) can be used for HIV infections, hepatitis B research^[1].

REFERENCES

[1]. Shahar N, et, al. Tenofovir prodrug and pharmaceutical uses thereof. WO2014032481.

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

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