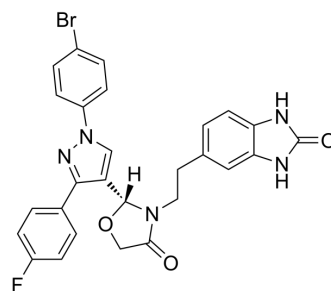


Canocapavir

Cat. No.:	HY-147255
CAS No.:	2137847-19-7
Molecular Formula:	C ₂₇ H ₂₁ BrFN ₅ O ₃
Molecular Weight:	562.39
Target:	HBV
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 300 mg/mL (533.44 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.7781 mL	8.8906 mL	17.7813 mL
5 mM	0.3556 mL	1.7781 mL	3.5563 mL
10 mM	0.1778 mL	0.8891 mL	1.7781 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 7.5 mg/mL (13.34 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 7.5 mg/mL (13.34 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Canocapavir (ZM-H1505R) has orally antiviral activity. Canocapavir is a HBV capsid inhibitor that can be used in the research of Chronic hepatitis B. [1].

REFERENCES

- [1]. WHO Drug Information, Vol. 36, No. 2, 2022.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA