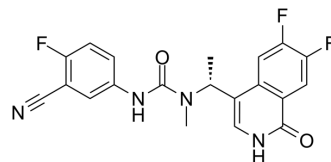


## AB-836

Cat. No.:	HY-148348		
CAS No.:	2445597-31-7		
Molecular Formula:	C <sub>20</sub> H <sub>15</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>		
Molecular Weight:	400.35		
Target:	HBV		
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 : 100 mg/mL (249.78 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4978 mL	12.4891 mL	24.9781 mL
	5 mM	0.4996 mL	2.4978 mL	4.9956 mL
	10 mM	0.2498 mL	1.2489 mL	2.4978 mL

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

### BIOLOGICAL ACTIVITY

#### Description

AB-836 is an orally active HBV capsid inhibitor. AB-836 inhibits viral replication by interacting with HBV core protein<sup>[1]</sup>.

### REFERENCES

[1]. Elisabetta Degasperi, et al. Towards a Functional Cure for Hepatitis B Virus: A 2022 Update on New Antiviral Strategies. *Viruses* 2022, 14(11), 2404.

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

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