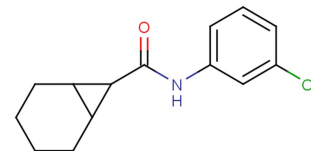


BA-53038B

Chemical Properties

CAS No.: 2306195-65-1
Formula: C₁₄H₁₆ClNO
Molecular Weight: 249.74
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	BA-53038B is an HBV core protein allosteric modulator (CpAM), binding to the HAP pocket and modulating HBV capsid assembly in a distinct manner (EC ₅₀ : 3.32 μM).
Targets(IC ₅₀)	HBV nucleocapsid assembly: (EC ₅₀) 3.32 μM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.004 mL	20.021 mL	40.042 mL
5 mM	0.801 mL	4.004 mL	8.008 mL
10 mM	0.4 mL	2.002 mL	4.004 mL
50 mM	0.08 mL	0.4 mL	0.801 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Zhang X, et al. Discovery of Novel Hepatitis B Virus Nucleocapsid Assembly Inhibitors. ACS Infect Dis. 2019 May 10;5(5):759-768.

Inhibitors · Natural Compounds · Compound Libraries

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