

BA-53038B

Chemical Properties

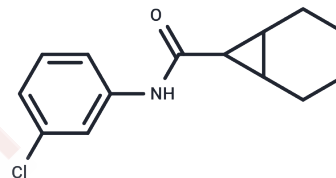
CAS No. : 2306195-65-1

Formula: C₁₄H₁₆ClNO

Molecular Weight: 249.74

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



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)	Others,HBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0042 mL	20.0208 mL	40.0416 mL
5 mM	0.8008 mL	4.0042 mL	8.0083 mL
10 mM	0.4004 mL	2.0021 mL	4.0042 mL
50 mM	0.0801 mL	0.4004 mL	0.8008 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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