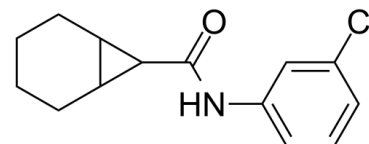


Data Sheet

| | |
|---------------------------|--|
| Product Name: | BA-53038B |
| Cat. No.: | CS-0082064 |
| CAS No.: | 2306195-65-1 |
| Molecular Formula: | C ₁₄ H ₁₆ ClNO |
| Molecular Weight: | 249.74 |
| Target: | HBV |
| Pathway: | Anti-infection |
| Solubility: | DMSO : 250 mg/mL (1001.04 mM; Need ultrasonic) |



BIOLOGICAL ACTIVITY:

BA-53038B is a **HBV core protein allosteric modulator (CpAM)**, binding to the HAP pocket and modulating HBV capsid assembly in a distinct manner, with an **EC₅₀** value of 3.32 μM^[1]. IC₅₀ & Target: EC₅₀: 3.32 μM (HBV nucleocapsid assembly)^[1].

References:

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

CAIndexNames:

BA-53038B

SMILES:

O=C(NC1=CC=CC(Cl)=C1)C2C3CCCCC32

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

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