

Product Data Sheet

Product Name: BA-53038B

Cat. No.: GC35454

Chemical Properties

Cas. No. 2306195-65-1

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

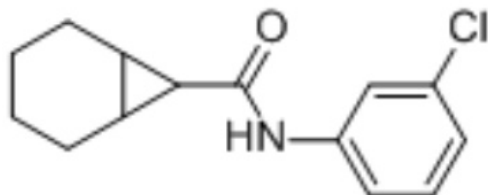
Formula $C_{14}H_{16}ClNO$ M.Wt 249.74

Solubility DMSO: 250 mg/mL (1001.04 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

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]. EC₅₀: 3.32 μM (HBV nucleocapsid assembly)[1].

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

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

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