

Product Data Sheet

Product Name: GLP-26
Cat. No.: GC38785

Chemical Properties

Cas. No. 2133017-36-2

SMILES O=C(C1=C(C)C(C(C(NCC#C)=O)=O)=C(C)N1C)NC2=CC=C(F)C(F)=C2

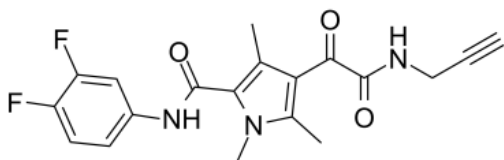
Formula $C_{19}H_{17}F_2N_3O_3$ M.Wt 373.35

Solubility DMSO: 125 mg/mL (334.81 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

GLP-26 is a HBV capsid assembly modulators (CAM), inhibits HBV DNA replication in Hep AD38 system (IC₅₀=3 nM), and reduces cccDNA by >90% at 1 μM. GLP-26 disrupts the encapsidation of pre-genomic RNA, causes nucleocapsid disassembly and reduces cccDNA pools[1].

GLP-26 (0.7-1.7 μM; 3 days) reduces secreted HBeAg in HepNTCP-DL cells transfected with HBV wild type, with EC₅₀ values of 0.7 μM[2]. Cell Viability Assay[2] Cell Line: HepNTCP-DL cells

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

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[1]. Nijampatnam B, et al. Recent advances in the development of HBV capsid assembly modulators. Curr Opin Chem Biol. 2019 Jun;50:73-79.

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