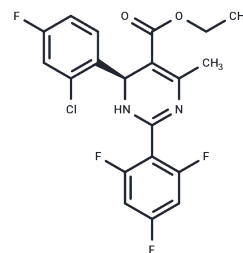


Z060228

Chemical Properties

CAS No. : 1005459-82-4
 Formula: C₂₀H₁₅ClF₄N₂O₂
 Molecular Weight: 426.79
 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	Z060228 is a potent anti-HBV inhibitor. The HBV DNA replication was effectively inhibited by Z060228 in the supernatants of the HepG2.2.15 cells. Z060228 exhibited effects on the self-assembly of Cp149. SEC data revealed that Z060228 altered the equilibrium (a state of stability) of Cp149 assembly.
Targets(IC50)	Others,HBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3431 mL	11.7154 mL	23.4307 mL
5 mM	0.4686 mL	2.3431 mL	4.6861 mL
10 mM	0.2343 mL	1.1715 mL	2.3431 mL
50 mM	0.0469 mL	0.2343 mL	0.4686 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

Guan H, Zhao G, Chen W, Wu G, Liu H, Jiang X, Li S, Wang LL. The novel compound Z060228 inhibits assembly of the HBV capsid. Life Sci. 2015 Jul 15;133:1-7. doi: 10.1016/j.lfs.2015.04.011. Epub 2015 Apr 25. PubMed PMID: 25921762.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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