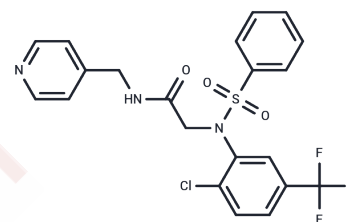


CCC-0975

Chemical Properties

CAS No. : 432018-03-6
 Formula: C₂₁H₁₇ClF₃N₃O₃S
 Molecular Weight: 483.89
 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	CCC-0975 is an inhibitor of hepatitis B virus (HBV) with an EC ₅₀ of 10 μM. It interferes with the conversion of relaxed circular DNA (rcDNA) to covalently closed circular DNA (cccDNA) and reduces cccDNA and its precursor deproteinized rcDNA (DP-rcDNA), without promoting their degradation inside cells. CCC-0975 holds potential for chronic hepatitis B research.
Targets(IC ₅₀)	HBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0666 mL	10.3329 mL	20.6659 mL
5 mM	0.4133 mL	2.0666 mL	4.1332 mL
10 mM	0.2067 mL	1.0333 mL	2.0666 mL
50 mM	0.0413 mL	0.2067 mL	0.4133 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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