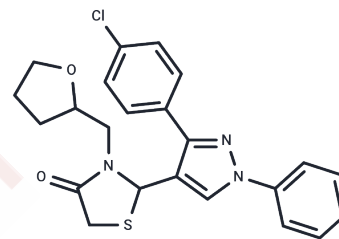


HBV-IN-37

Chemical Properties

CAS No. : 380483-01-2
 Formula: C₂₃H₂₂ClN₃O₂S
 Molecular Weight: 439.96
 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	HBV-IN-37 is an HBV inhibitor with an EC ₅₀ value of 10 μM and can be used for hepatitis B disease-related research.
Targets(IC ₅₀)	HBV

Solubility Information

Solubility	DMSO: 20 mg/mL (45.46 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2729 mL	11.3647 mL	22.7293 mL
5 mM	0.4546 mL	2.2729 mL	4.5459 mL
10 mM	0.2273 mL	1.1365 mL	2.2729 mL
50 mM	0.0455 mL	0.2273 mL	0.4546 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

Hamatake RK, et al. Preparation of thiazolidin-4-ones having anti-hepatitis B activity. WO2006033995 A2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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