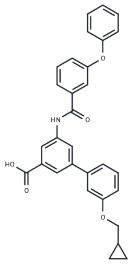
Data Sheet (Cat.No.T209792)

TargetMol

FABP1-IN-1

Chemical Properties



CAS No. : 3048021-44-6

Formula: C30H25NO5

Molecular Weight: 479.52

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	FABP1-IN-1 (44) is a selective FABP1 inhibitor with an IC50 value of 4.46 μM. It is applicable in research related to alcoholic fatty liver disease.
Targets(IC50)	FABP
In vivo	FABP1-IN-1 (44) alleviates the typical histological features found in non-alcoholic steatohepatitis (NASH) in mice, such as steatosis, lobular inflammation, hepatocyte ballooning, and fibrosis.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0854 mL	10.4271 mL	20.8542 mL
5 mM	0.4171 mL	2.0854 mL	4.1708 mL
10 mM	0.2085 mL	1.0427 mL	2.0854 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 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

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

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