Data Sheet (Cat.No.T206283)

TargetMol

Hydroxy tipelukast

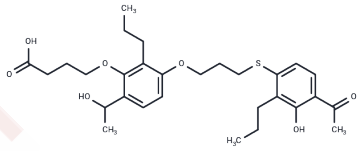
Chemical Properties

CAS No. : 1027597-04-1

Formula: C29H40O7S

Molecular Weight: 532.689

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	Hydroxy tipelukast (Compound MN-002), a metabolite of Compound MN-001, is an orally active phenoxyalkyl carboxylic acid. It inhibits hepatic steatosis, lobular inflammation, hepatocellular ballooning, and liver fibrosis, while also reducing hepatic hydroxyproline levels. Hydroxy tipelukast is a promising candidate for the study of nonalcoholic fatty liver disease (NAFLD) and nonalcoholic steatohepatitis (NASH).
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8773 mL	9.3863 mL	18.7726 mL
5 mM	0.3755 mL	1.8773 mL	3.7545 mL
10 mM	0.1877 mL	0.9386 mL	1.8773 mL
50 mM	0.0375 mL	0.1877 mL	0.3755 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481