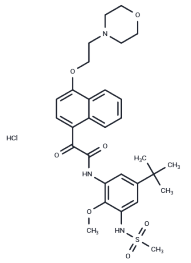
Data Sheet (Cat.No.T15603)

TargetMol

ITX5061

Chemical Properties



CAS No. : 1252679-52-9

Formula: C30H38ClN3O7S

Molecular Weight: 620.16

Storage: Keep away from moisture
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	ITX5061 is a type II inhibitor of p38 MAPK and an antagonist of scavenger receptor B1 (SRB1), used for studying hepatitis C virus infection.
Targets(IC50)	HCV Protease,Autophagy,p38 MAPK
In vivo	HuAITg mice were treated with ITX5061 (30 mg/kg/day) or vehicle for one week. This resulted in a 50% increase in HDL-C levels, while non-HDL-C levels remained unchanged [1].

Solubility Information

Solubility	DMSO: 50 mg/mL (80.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6125 mL	8.0624 mL	16.1249 mL
5 mM	0.3225 mL	1.6125 mL	3.225 mL
10 mM	0.1612 mL	0.8062 mL	1.6125 mL
50 mM	0.0322 mL	0.1612 mL	0.3225 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

Masson D, et al. Increased HDL cholesterol and apoA-I in humans and mice treated with a novel SR-BI inhibitor. Arterioscler Thromb Vasc Biol. 2009 Dec;29(12):2054-60.