

ITX5061

Catalog No: **tcsc0016951**



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

1252679-52-9

Formula:

$C_{30}H_{38}ClN_3O_7S$

Pathway:

MAPK/ERK Pathway

Target:

p38 MAPK

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 83.3 mg/mL (134.32 mM)

Observed Molecular Weight:

620.16

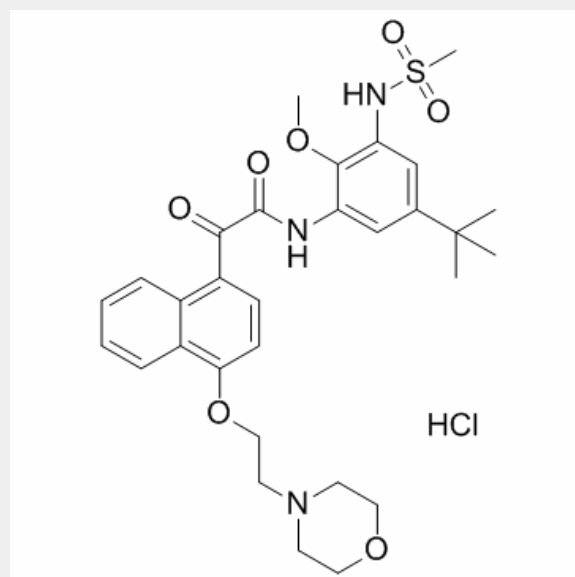
Product Description

ITX5061 is a type II inhibitor of **p38 MAPK** and also an antagonist of **scavenger receptor B1 (SR-B1)**.

IC50 & Target: p38 MAPK, SR-B1^[1]

In Vivo:

ITX5061 is a type II inhibitor of p38 MAPK and also an antagonist of scavenger receptor B1 (SR-B1). Treatment of ITX5061 (30 mg/kg/day) for mice results in a 50% increase in HDL-C levels compare to baseline. ApoA-I levels are moderately (+15 %) but significantly increased in ITX5061-treated HuAITg mice, compare to mice receive vehicle. ITX5061 significantly decreases HDL-CE catabolism with an FCR of 1.86 ± 0.40 pools/d vs 2.47 ± 0.26 pools/d in the control group (P3H] CE in the liver is significantly lower in ITX5061-treated mice indicating that increased HDL-CE levels are due to reduced uptake by the liver^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!