Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

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:

Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

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].