

Losmapimod

Catalog No: tcsc3235



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

585543-15-3

Formula:

$C_{22}H_{26}FN_3O_2$

Pathway:

MAPK/ERK Pathway;Autophagy

Target:

p38 MAPK;Autophagy

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 58 mg/mL (151.25 mM)

Alternative Names:

GSK-AHAB;GW856553X;SB856553

Observed Molecular Weight:

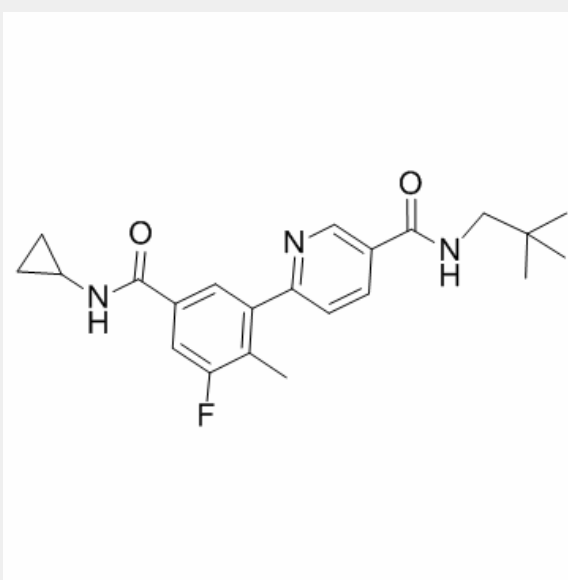
383.46

Product Description

Losmapimod is a selective, potent, and orally active **p38 MAPK** inhibitor with **pK_i** of 8.1 and 7.6 for p38 α and p38 β , respectively.

IC50 & Target: pKi: 8.1 (p38 α), 7.6 (p38 β)

In Vivo: In the spontaneously hypertensive stroke-prone rat (SHR-SP), chronic treatment with GSK-AHAB significantly and dose-dependently improves survival, endothelial-dependent and -independent vascular relaxation, and indices of renal function, and it attenuates dyslipidemia, hypertension, cardiac remodeling, plasma renin activity (PRA), aldosterone, and interleukin-1 β (IL-1 β)^[1].



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