BI-1935

Cat. No.: HY-124063

CAS No.: 940954-41-6

Molecular Formula: $C_{24}H_{21}F_3N_6O_3$

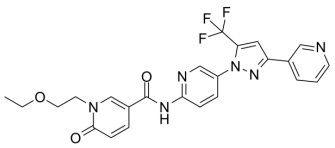
Molecular Weight: 498.46

Target: Epoxide Hydrolase

Pathway: Metabolic Enzyme/Protease

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (200.62 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	2.0062 mL	10.0309 mL	20.0618 mL
5 mM	0.4012 mL	2.0062 mL	4.0124 mL
10 mM	0.2006 mL	1.0031 mL	2.0062 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (5.02 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (5.02 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (5.02 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

BI-1935 is a potent soluble epoxide hydrolase (sEH) inhibitor. BI-1935 can be used for the research of cardiovascular disease [1].

IC_{50} & Target

sEH[1]

REFERENCES

[1]. Roman Wolfgang Fleck, et al. Substituted pyrazole compounds useful as soluble epoxide hydrolase inhibitors. WO2007067836A2.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA