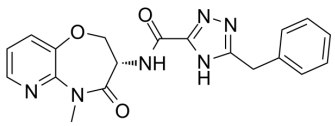
Eclitasertib

Cat. No.:	HY-114371
CAS No.:	2125450-76-0
Molecular Formula:	$C_{19}H_{18}N_6O_3$
Molecular Weight:	378.38
Target:	RIP kinase
Pathway:	Apoptosis
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 : 125 mg/mL (330.36 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.6428 mL	13.2142 mL	26.4285 mL
	5 mM	0.5286 mL	2.6428 mL	5.2857 mL
	10 mM	0.2643 mL	1.3214 mL	2.6428 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: ≥ 2.08 mg/mL (5.50 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.08 mg/mL (5.50 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.08 mg/mL (5.50 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Eclitasertib (DNL-758) is a potent receptor-interacting protein kinase 1 (RIPK1) inhibitor with an IC_{50} of <1 μM (From patent WO2017136727A2, example 42)[1].

REFERENCES

[1]. Anthony A. ESTRADA, et al. Compounds, compositions and methods. WO2017136727A2.

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