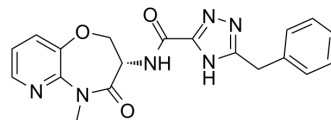


Eclitasertib

Cat. No.:	HY-114371
CAS No.:	2125450-76-0
Molecular Formula:	C ₁₉ H ₁₈ N ₆ O ₃
Molecular Weight:	378.38
Target:	RIP kinase
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (330.36 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	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] .
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REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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