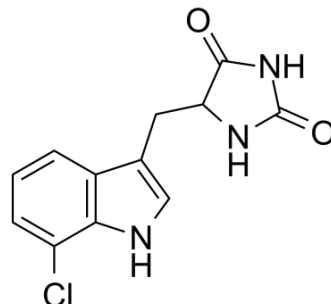


Necroptosis-IN-1

Cat. No.:	HY-135826		
CAS No.:	1391980-92-9		
Molecular Formula:	C ₁₂ H ₁₀ ClN ₃ O ₂		
Molecular Weight:	263.68		
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 : 250 mg/mL (948.12 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7925 mL	18.9624 mL	37.9248 mL
	5 mM	0.7585 mL	3.7925 mL	7.5850 mL
	10 mM	0.3792 mL	1.8962 mL	3.7925 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (7.89 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (7.89 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (7.89 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Necroptosis-IN-1, an analog of Necrostatin-1 (HY-15760), is a potent necroptosis inhibitor. Necroptosis-IN-1 is a RIPK inhibitor [1].

REFERENCES

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

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