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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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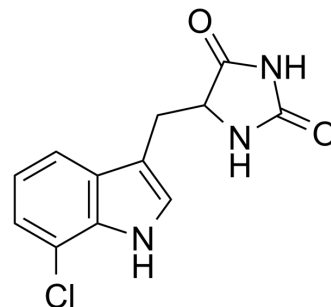
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Necroptosis-IN-1

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; Necroptosis
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 : 100 mg/mL (379.25 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		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	1. 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				
	2. 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				
	3. 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, is a potent necroptosis inhibitor. Necroptosis-IN-1 is a RIPK inhibitor ^[1] .
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REFERENCES

[1]. Jenny L Maki, et al. Fluorescence polarization assay for inhibitors of the kinase domain of receptor interacting protein 1. Anal Biochem. 2012 Aug 15;427(2):164-74.

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

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