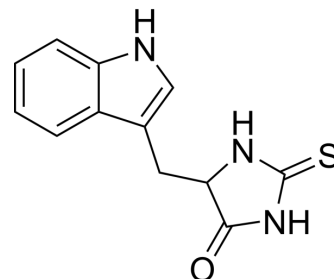


Necrostatin-1 (inactive control)

Cat. No.:	HY-121954		
CAS No.:	64419-92-7		
Molecular Formula:	C ₁₂ H ₁₁ N ₃ OS		
Molecular Weight:	245		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMF : 20 mg/mL (81.63 mM; Need ultrasonic and warming)
 DMSO : 14 mg/mL (57.14 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.0816 mL	20.4082 mL	40.8163 mL
	5 mM	0.8163 mL	4.0816 mL	8.1633 mL
	10 mM	0.4082 mL	2.0408 mL	4.0816 mL

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

BIOLOGICAL ACTIVITY

Description

Necrostatin-1 (Nec-1) (inactive control) is an inactive analog of Necrostatin-1 (HY-15760). Necrostatin-1 is a potent necroptosis inhibitor^[1].

REFERENCES

[1]. Degterev A, et al. Identification of RIP1 kinase as a specific cellular target of necrostatins. Nat Chem Biol. 2008 May;4(5):313-21.

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

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