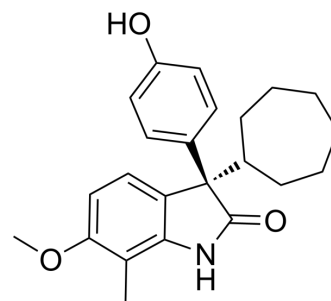


(R)-Necrocid 1

Cat. No.:	HY-14307A		
CAS No.:	1247028-62-1		
Molecular Formula:	C ₂₃ H ₂₇ NO ₃		
Molecular Weight:	365.47		
Target:	Others		
Pathway:	Others		
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 (273.62 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.7362 mL	13.6810 mL	27.3620 mL
		5 mM	0.5472 mL	2.7362 mL	5.4724 mL
10 mM		0.2736 mL	1.3681 mL	2.7362 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (6.84 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (6.84 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (6.84 mM); Clear solution; Need ultrasonic 				

BIOLOGICAL ACTIVITY

Description	(R)-Necrocid 1 (compound (R)-38) a potent anticancer agent. (R)-Necrocid 1 has antiproliferative activity ^[1] .
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REFERENCES

[1]. Christensen MK, et, al. Synthesis and antitumor effect in vitro and in vivo of substituted 1,3-dihydroindole-2-ones. J Med Chem. 2010 Oct 14;53(19):7140-5.

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

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