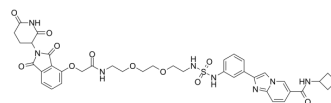


SR-1114

Cat. No.:	HY-115881		
CAS No.:	2769141-82-2		
Molecular Formula:	C ₃₉ H ₄₂ N ₈ O ₁₁ S		
Molecular Weight:	830.86		
Target:	PROTACs		
Pathway:	PROTAC		
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 (120.36 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	1.2036 mL	6.0179 mL	12.0357 mL
	5 mM	0.2407 mL	1.2036 mL	2.4071 mL
	10 mM	0.1204 mL	0.6018 mL	1.2036 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 (3.01 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 (3.01 mM); Clear solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (3.01 mM); Clear solution; Need ultrasonic 			

BIOLOGICAL ACTIVITY

Description	SR-1114 is a first-in-class PROTAC ENL degrader. SR-1114 elicits rapid, CRBN-dependent degradation of ENL with DC ₅₀ s of 150 nM, 311 nM, and 1.65 μM in MV4;11, MOLM-13, and OCI/AML-2 cells, respectively ^[1] .
IC₅₀ & Target	Cereblon

REFERENCES

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

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