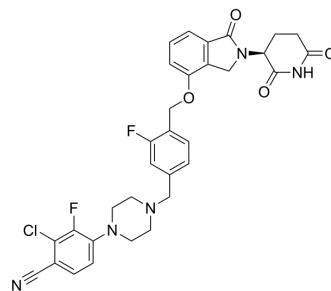


Cereblon inhibitor 1

Cat. No.:	HY-143715		
CAS No.:	2672489-14-2		
Molecular Formula:	C ₃₂ H ₂₈ ClF ₂ N ₅ O ₄		
Molecular Weight:	620.05		
Target:	Ligands for E3 Ligase		
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 (161.28 mM; Need ultrasonic)					
		Solvent	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	Concentration				
		1 mM		1.6128 mL	8.0639 mL	16.1277 mL
5 mM			0.3226 mL	1.6128 mL	3.2255 mL	
		10 mM	0.1613 mL	0.8064 mL	1.6128 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (4.03 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Cereblon inhibitor 1, an isoindoline derivative, is a cereblon E3 ubiquitin ligase modulating agent. Cereblon inhibitor 1 has the potential for cancer research.
IC₅₀ & Target	Cereblon
In Vitro	Cereblon inhibitor 1 (compound CM-48) suppresses MM.1S cell proliferation (IC ₅₀ =0.0365 nM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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