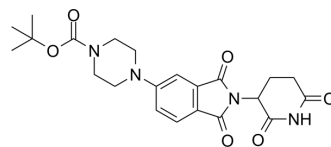


Thalidomide-piperazine-Boc

Cat. No.:	HY-134982		
CAS No.:	2222114-64-7		
Molecular Formula:	C ₂₂ H ₂₆ N ₄ O ₆		
Molecular Weight:	442.47		
Target:	E3 Ligase Ligand-Linker Conjugates		
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 : 41.67 mg/mL (94.18 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions	1 mM	2.2600 mL	11.3002 mL
		5 mM	2.2600 mL	4.5201 mL
		10 mM	0.2260 mL	1.1300 mL
	Please refer to the solubility information to select the appropriate solvent.			
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.70 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Thalidomide-piperazine-Boc is an intermediate that can be used in the synthesis of B-cell lymphoma 6 protein (BCL6) PROTAC ^[1] .
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REFERENCES

[1]. Michael Berlin, et al. Bifunctional molecules containing an e3 ubiquitine ligase binding moiety linked to a bcl6 targeting moiety. WO2021077010A1.

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

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