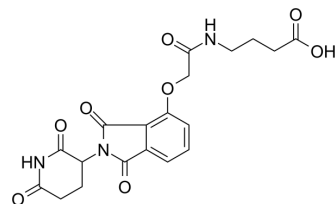


Thalidomide-O-amido-C3-COOH

Cat. No.:	HY-103612
CAS No.:	2308035-51-8
Molecular Formula:	C ₁₉ H ₁₉ N ₃ O ₈
Molecular Weight:	417.37
Target:	E3 Ligase Ligand-Linker Conjugates
Pathway:	PROTAC
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 55.5 mg/mL (132.98 mM) * "≥" means soluble, but saturation unknown.					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	2.3960 mL	11.9798 mL	23.9596 mL
			5 mM	0.4792 mL	2.3960 mL	4.7919 mL
			10 mM	0.2396 mL	1.1980 mL	2.3960 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.99 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.99 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Thalidomide-O-amido-C3-COOH is a synthesized E3 ligase ligand-linker conjugate that incorporates the Thalidomide based cereblon ligand and a linker used in PROTAC technology.
IC ₅₀ & Target	Cereblon

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

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