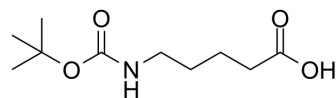


Boc-NH-C4-acid

Cat. No.:	HY-W014099		
CAS No.:	27219-07-4		
Molecular Formula:	C ₁₀ H ₁₉ NO ₄		
Molecular Weight:	217.26		
Target:	PROTAC Linkers		
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 (460.28 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions	1 mM	4.6028 mL	23.0139 mL
		5 mM	4.6028 mL	9.2056 mL
		10 mM	0.4603 mL	2.3014 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 (11.51 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.51 mM); Clear solution			
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.51 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Boc-NH-C4-acid is a PROTAC linker, which belongs to a Alkyl/ether linker. Boc-NH-C4-acid can be used in the synthesis of the compound PROTAC1, and specifically degrades EED, EZH2, and SUZ12 in the PRC2 Complex.
IC ₅₀ & Target	Alkyl/ether

REFERENCES

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

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