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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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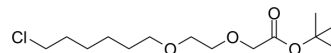
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Boc-C1-PEG2-C4-Cl

Cat. No.:	HY-108371		
CAS No.:	1835705-53-7		
Molecular Formula:	C ₁₄ H ₂₇ ClO ₄		
Molecular Weight:	294.81		
Target:	PROTAC Linkers		
Pathway:	PROTAC		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 50 mg/mL (169.60 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration			
	1 mM	3.3920 mL	16.9601 mL	33.9202 mL
	5 mM	0.6784 mL	3.3920 mL	6.7840 mL
	10 mM	0.3392 mL	1.6960 mL	3.3920 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description	Boc-C1-PEG2-C4-Cl (PROTAC Linker 1) is a PEG-based PROTAC linker can be used in the synthesis of PROTACs ^[1] .	
IC ₅₀ & Target	PEGs	Alkyl/ether
In Vitro	<p>PROTAC technology employs small molecules that recruit target proteins for ubiquitination and removal by the proteasome. The synthesis of PROTAC compounds that mediate the degradation of c-ABL and BCR-ABL by recruiting either Cereblon or Von Hippel Lindau E3 ligases is reported. Boc-C1-PEG2-C4-Cl is designated as 6-2-2^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>	

REFERENCES

[1]. Lai AC, et al. Modular PROTAC Design for the Degradation of Oncogenic BCR-ABL. *Angew Chem Int Ed Engl.* 2016 Jan 11;55(2):807-10.

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

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