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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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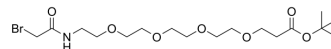
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Bromoacetamido-PEG4-C2-Boc

Cat. No.:	HY-130520		
CAS No.:	1807521-00-1		
Molecular Formula:	C ₁₇ H ₃₂ BrNO ₇		
Molecular Weight:	442.34		
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 : ≥ 100 mg/mL (226.07 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2607 mL	11.3035 mL	22.6070 mL
	5 mM	0.4521 mL	2.2607 mL	4.5214 mL
	10 mM	0.2261 mL	1.1304 mL	2.2607 mL

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

BIOLOGICAL ACTIVITY

Description	Bromoacetamido-PEG4-C2-Boc is a PEG- and Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs ^[1] .	
IC ₅₀ & Target	Alkyl/ether	PEGs
In Vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Darren H. Wakefield, et al. Poly(vinyl ester) Polymers for In Vivo Nucleic Acid Delivery. US20130121954A1.

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

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