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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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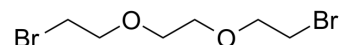
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Bromo-PEG2-bromide

Cat. No.:	HY-130589		
CAS No.:	31255-10-4		
Molecular Formula:	C ₆ H ₁₂ Br ₂ O ₂		
Molecular Weight:	275.97		
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 (362.36 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6236 mL	18.1179 mL	36.2358 mL
	5 mM	0.7247 mL	3.6236 mL	7.2472 mL
	10 mM	0.3624 mL	1.8118 mL	3.6236 mL

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

BIOLOGICAL ACTIVITY

Description	Bromo-PEG2-bromide is a PEG-based PROTAC linker can be used in the synthesis of PROTACs ^[1] .
IC ₅₀ & Target	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]. Chen TH, et al. Metal-organic frameworks constructed from crown ether-based 1,4-benzenedicarboxylic acid derivatives. Dalton Trans. 2016 Feb 21;45(7):3063-9.

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

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