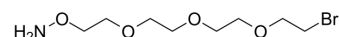


Aminoxy-PEG3-bromide

Cat. No.:	HY-140396
CAS No.:	1895922-73-2
Molecular Formula:	C ₈ H ₁₈ BrNO ₄
Molecular Weight:	272.14
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (367.46 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6746 mL	18.3729 mL	36.7458 mL
	5 mM	0.7349 mL	3.6746 mL	7.3492 mL
	10 mM	0.3675 mL	1.8373 mL	3.6746 mL

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

BIOLOGICAL ACTIVITY

Description

Aminoxy-PEG3-bromide is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs^[1].

IC₅₀ & 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]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA