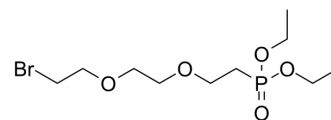


Bromo-PEG2-phosphonic acid diethyl ester

Cat. No.:	HY-141299
CAS No.:	1226767-94-7
Molecular Formula:	C ₁₀ H ₂₂ BrO ₅ P
Molecular Weight:	333.16
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	<div>Pure form</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



BIOLOGICAL ACTIVITY

Description	Bromo-PEG2-phosphonic acid diethyl ester is a PEG-based PROTAC linker that 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]. 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.

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