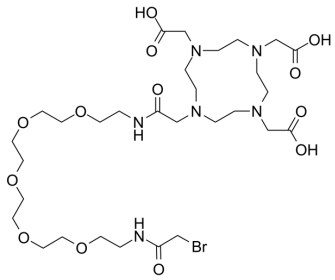
Bromoacetamido-PEG5-DOTA

Cat. No.:	HY-140754
CAS No.:	2353410-19-0
Molecular Formula:	$C_{30}H_{55}BrN_6O_{13}$
Molecular Weight:	787.69
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bromoacetamido-PEG5-DOTA 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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