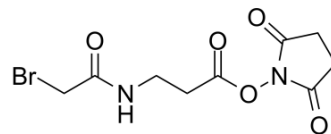


N-Succinimidyl 3-(Bromoacetamido)propionate

Cat. No.:	HY-141385
CAS No.:	57159-62-3
Molecular Formula:	C ₉ H ₁₁ BrN ₂ O ₅
Molecular Weight:	307.1
Target:	PROTAC Linker; ADC Linker
Pathway:	PROTAC; Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N-Succinimidyl 3-(Bromoacetamido)propionate is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs [1]. N-Succinimidyl 3-(Bromoacetamido)propionate is also a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[2].		
IC₅₀ & Target	PEGs	Alkyl/ether	Cleavable
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]. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[2]. 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.
- [2]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. *Nat Rev Drug Discov*. 2017 May;16(5):315-337.

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

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