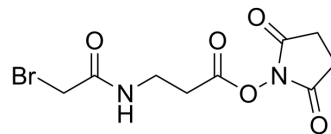


## N-Succinimidyl 3-(Bromoacetamido)propionate

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



### BIOLOGICAL ACTIVITY

<b>Description</b>	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].		
<b>IC<sub>50</sub> &amp; Target</b>	PEGs	Alkyl/ether	Cleavable
<b>In Vitro</b>	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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