



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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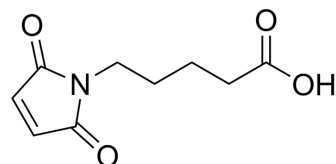
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## 5-Maleimidovaleric acid

|                    |                                                                                                                                                                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-140987                                                                                                                                                                |
| CAS No.:           | 57078-99-6                                                                                                                                                               |
| Molecular Formula: | C <sub>9</sub> H <sub>11</sub> NO <sub>4</sub>                                                                                                                           |
| Molecular Weight:  | 197.19                                                                                                                                                                   |
| Target:            | ADC Linker                                                                                                                                                               |
| Pathway:           | Antibody-drug Conjugate/ADC Related                                                                                                                                      |
| Storage:           | <div> <div>Powder</div> <div> -20°C    3 years<br/> 4°C    2 years </div> </div> <div> <div>In solvent</div> <div> -80°C    6 months<br/> -20°C    1 month </div> </div> |



### BIOLOGICAL ACTIVITY

|                           |                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description               | 5-Maleimidovaleric acid is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) <sup>[1]</sup> .                                                                                       |
| IC <sub>50</sub> & Target | Cleavable                                                                                                                                                                                                         |
| In Vitro                  | ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. 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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