



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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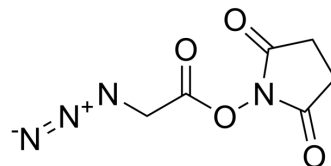
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## Aeide-C1-NHS ester

|                    |   |       |          |
|--------------------|---|-------|----------|
| Cat. No.:          | HY-140755   |       |          |
| CAS No.:           | 824426-32-6   |       |          |
| Molecular Formula: | C <sub>6</sub> H <sub>6</sub> N <sub>4</sub> O <sub>4</sub> |       |          |
| Molecular Weight:  | 198.14  |       |          |
| Target:            | PROTAC Linkers  |       |          |
| Pathway:           | PROTAC  |       |          |
| Storage:           | Powder  | -20°C | 3 years  |
|                    | In solvent  | -80°C | 6 months |
|                    |   | -20°C | 1 month  |



### BIOLOGICAL ACTIVITY

|                                     |  |
|-------------------------------------|--|
| <b>Description</b>                  | Aeide-C1-NHS ester is an alkyl/ether-based PROTAC linker that can be used in the synthesis of PROTACs <sup>[1]</sup> . Aeide-C1-NHS ester is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups. |
| <b>IC<sub>50</sub> &amp; Target</b> | Alkyl/ether  |
| <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 <sup>[1]</sup> . 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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