



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

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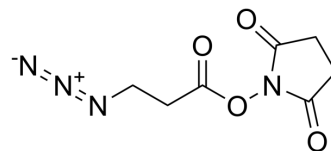
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N3-C2-NHS ester

Cat. No.:	HY-126520	
CAS No.:	850180-76-6	
Molecular Formula:	C ₇ H ₈ N ₄ O ₄	
Molecular Weight:	212.16	
Target:	ADC Linker	
Pathway:	Antibody-drug Conjugate/ADC Related	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (471.34 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.7134 mL	23.5671 mL	47.1342 mL
	5 mM	0.9427 mL	4.7134 mL	9.4268 mL
	10 mM	0.4713 mL	2.3567 mL	4.7134 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

N3-C2-NHS ester is a noncleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). N3-C2-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.

IC₅₀ & Target

Non-cleavable Linker

REFERENCES

[1]. Gregson SJ, et al. Pyrrolobenzodiazepine Dimer Antibody-Drug Conjugates: Synthesis and Evaluation of Noncleavable Drug-Linkers. J Med Chem. 2017 Dec 14;60(23):9490-9507.

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

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