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Produktinformation



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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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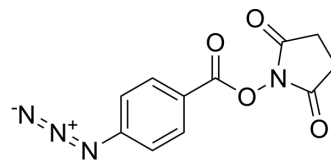
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N3-Ph-NHS ester

Cat. No.:	HY-126524		
CAS No.:	53053-08-0		
Molecular Formula:	C ₁₁ H ₈ N ₄ O ₄		
Molecular Weight:	260.21		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 31.25 mg/mL (120.10 mM; ultrasonic and warming and heat to 60°C)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	3.8431 mL	19.2153 mL	38.4305 mL
				5 mM	0.7686 mL	3.8431 mL	7.6861 mL
10 mM				0.3843 mL	1.9215 mL	3.8431 mL	
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (7.99 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (7.99 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (7.99 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	N3-Ph-NHS ester is a noncleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). N3-Ph-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.
IC ₅₀ & Target	Non-cleavable Linker

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

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