



SZABO SCANDIC

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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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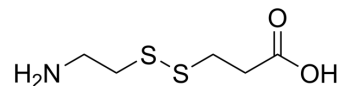
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Aminoethyl-SS-propionic acid

Cat. No.:	HY-140096	
CAS No.:	15579-00-7	
Molecular Formula:	C ₅ H ₁₁ NO ₂ S ₂	
Molecular Weight:	181.28	
Target:	ADC Linker	
Pathway:	Antibody-drug Conjugate/ADC Related	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 125 mg/mL (689.54 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Mass	1 mg	5 mg	10 mg
		Concentration			
		1 mM	5.5163 mL	27.5816 mL	55.1633 mL
		5 mM	1.1033 mL	5.5163 mL	11.0327 mL
	10 mM	0.5516 mL	2.7582 mL	5.5163 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 11.11 mg/mL (61.29 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Aminoethyl-SS-propionic acid is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) ^[1] .	
IC ₅₀ & Target	Disulfide Cleavable Linker	Cleavable Linker
In Vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker ^[1] . 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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