



# 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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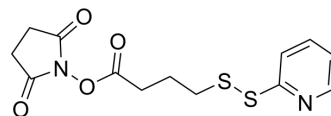
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## SPDB

<b>Cat. No.:</b>	HY-12448		
<b>CAS No.:</b>	115088-06-7		
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>		
<b>Molecular Weight:</b>	326.39		
<b>Target:</b>	ADC Linker		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related		
<b>Storage:</b>	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 200 mg/mL (612.76 mM; Need ultrasonic)  
 Ethanol : 100 mg/mL (306.38 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.0638 mL	15.3191 mL	30.6382 mL
5 mM	0.6128 mL	3.0638 mL	6.1276 mL
10 mM	0.3064 mL	1.5319 mL	3.0638 mL

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

## BIOLOGICAL ACTIVITY

<b>Description</b>	SPDB is a glutathione cleavable ADC linker used for the antibody-drug conjugate (ADCs) <sup>[1]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	Disulfide Cleavable Linker	Cleavable Linker

## REFERENCES

[1]. Widdison WC et al. Development of Anilino-Maytansinoid ADCs that Efficiently Release Cytotoxic Metabolites in Cancer Cells and Induce High Levels of Bystander Killing. *Bioconjug Chem*, 2015 Nov 18, 26(11):2261-78.

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

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