



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

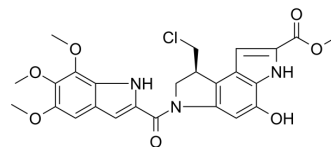
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## (S)-Seco-Duocarmycin SA

<b>Cat. No.:</b>	HY-129356A		
<b>CAS No.:</b>	152785-82-5		
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>7</sub>		
<b>Molecular Weight:</b>	513.93		
<b>Target:</b>	ADC Cytotoxin; DNA Alkylator/Crosslinker		
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage		
<b>Storage:</b>	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (194.58 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9458 mL	9.7290 mL	19.4579 mL
5 mM	0.3892 mL	1.9458 mL	3.8916 mL
10 mM	0.1946 mL	0.9729 mL	1.9458 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(S)-Seco-Duocarmycin SA is a DNA alkylator, cytotoxic to cancer cells, and acts as a ADC cytotoxin for antibody-drug conjugates<sup>[1]</sup>.

### REFERENCES

[1]. Tichenor MS, et al. Systematic exploration of the structural features of yatakemycin impacting DNA alkylation and biological activity. J Am Chem Soc. 2007 Sep 5;129(35):10858-69.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA