



# 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

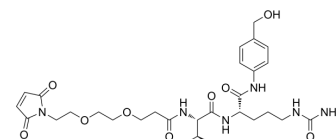
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Mal-PEG2-Val-Cit-PAB-OH

<b>Cat. No.:</b>	HY-130222
<b>CAS No.:</b>	2055041-38-6
<b>Molecular Formula:</b>	C <sub>29</sub> H <sub>42</sub> N <sub>6</sub> O <sub>9</sub>
<b>Molecular Weight:</b>	618.68
<b>Target:</b>	ADC Linker; PROTAC Linkers
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; PROTAC
<b>Storage:</b>	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (202.04 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6163 mL	8.0817 mL	16.1634 mL
	5 mM	0.3233 mL	1.6163 mL	3.2327 mL
	10 mM	0.1616 mL	0.8082 mL	1.6163 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Mal-PEG2-Val-Cit-PAB-OH is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs). Mal-PEG2-Val-Cit-PAB-OH also can be used as a PROTAC linker that can be used in the synthesis of PROTACs.

#### IC<sub>50</sub> & Target

Cleavable Linker	Protease Cleavable Linker	PEGs
------------------	---------------------------	------

#### In Vitro

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein.

PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**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