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Lieferung & Zahlungsart

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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

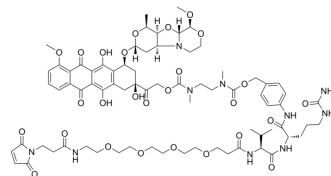
mail@szabo-scandic.com

www.szabo-scandic.com

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

Mal-PEG4-VC-PAB-DMEA-PNU-159682

Cat. No.:	HY-126687
CAS No.:	2259318-52-8
Molecular Formula:	C ₇₄ H ₉₈ N ₁₀ O ₂₇
Molecular Weight:	1559.62
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 50 mg/mL (32.06 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	0.6412 mL	3.2059 mL	6.4118 mL
		5 mM	0.1282 mL	0.6412 mL	1.2824 mL
		10 mM	0.0641 mL	0.3206 mL	0.6412 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: ≥ 1.25 mg/mL (0.80 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 1.25 mg/mL (0.80 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Mal-PEG4-VC-PAB-DMEA-PNU-159682, a agent-linker conjugate for ADC, consists the ADC linker Mal-PEG4-VC-PAB and a potent ADC cytotoxin DMEA-PNU-159682. DMEA-PNU-159682 includes metabolites of nemorubicin (MMDX) from liver microsomes and ADC cytotoxin PNU-159682 ^[1] .
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REFERENCES

[1]. John Flygare, et al. Anthracycline disulfide intermediates, antibody-drug conjugates and methods. WO2016040825A1

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