



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

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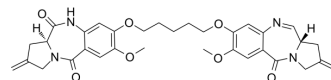
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PBD-monoamide

Cat. No.:	HY-161252
CAS No.:	2093165-00-3
Molecular Formula:	C ₃₃ H ₃₆ N ₄ O ₇
Molecular Weight:	600.66
Target:	ADC Cytotoxin
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°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 : 150 mg/mL (249.73 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6648 mL	8.3242 mL	16.6484 mL
5 mM	0.3330 mL	1.6648 mL	3.3297 mL
10 mM	0.1665 mL	0.8324 mL	1.6648 mL

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

BIOLOGICAL ACTIVITY

Description

PBD-monoamide, a modified PBD (pyrrolobenzodiazepine) dimer, is an ADC Cytotoxin. PBD-monoamide can be used for synthesis of DHES0815A (an HER2 ADC). PBD-monoamide has DNA-binding activity and reduces cell viability^[1].

REFERENCES

[1]. Lewis GD, et al. The HER2-directed antibody-drug conjugate DHES0815A in advanced and/or metastatic breast cancer: preclinical characterization and phase 1 trial results. Nat Commun. 2024 Jan 11;15(1):466.

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

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