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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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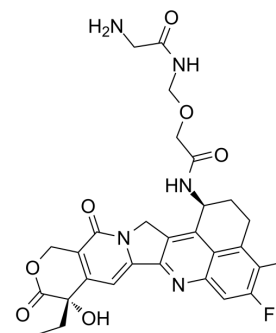
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Deruxtecan analog 2

Cat. No.:	HY-128979
CAS No.:	1599440-10-4
Molecular Formula:	C ₂₉ H ₃₀ FN ₅ O ₇
Molecular Weight:	579.58
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 : 100 mg/mL (172.54 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.7254 mL	8.6269 mL	17.2539 mL
		5 mM	0.3451 mL	1.7254 mL	3.4508 mL
10 mM		0.1725 mL	0.8627 mL	1.7254 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: ≥ 2 mg/mL (3.45 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2 mg/mL (3.45 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Deruxtecan analog 2 (example 9 P3) is a Deruxtecan (HY-13631E) analog. Deruxtecan analog 2 is a agent-linker conjugate composed of Camptothecin (HY-16560) and a linker. Camptothecin (CPT) is a Topo I inhibitor with antineoplastic activity against colorectal, breast, lung and ovarian cancers. Deruxtecan analog 2 can be used for the preparation anti-FGFR2 ADC ^[1] .
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REFERENCES

[1]. Daly Christopher, et, al. Anti-FGFR2 antibodies and antibody-drug conjugates methods of use thereof. Patent WO2022087243.

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

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