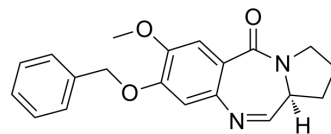


Benzyl DC-81

Cat. No.:	HY-153469		
CAS No.:	127810-79-1		
Molecular Formula:	C ₂₀ H ₂₀ N ₂ O ₃		
Molecular Weight:	336.38		
Target:	ADC Cytotoxin		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 300 mg/mL (891.85 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9728 mL	14.8641 mL	29.7283 mL
	5 mM	0.5946 mL	2.9728 mL	5.9457 mL
	10 mM	0.2973 mL	1.4864 mL	2.9728 mL

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

BIOLOGICAL ACTIVITY

Description

Benzyl DC-81 (Compound 6a) is an anticancer agent with antiproliferative activity against A375 and MCF-7 cells^[1].

REFERENCES

[1]. Adiyala PR, et al. Development of pyrrolo[2,1-c][1,4]benzodiazepine β-glucoside prodrugs for selective therapy of cancer. *Bioorg Chem.* 2018 Feb;76:288-293.

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

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