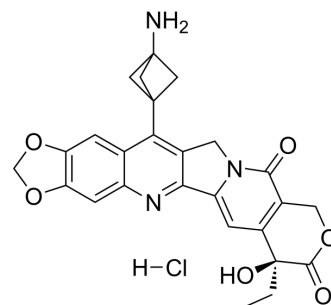


NH₂-bicyclo[1.1.1]pentane-7-MAD-MDCPT hydrochloride

Cat. No.: HY-148819A
Molecular Formula: C₂₆H₂₄ClN₃O₆
Molecular Weight: 509.94
Target: ADC Cytotoxin; Topoisomerase
Pathway: Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
Storage: 4°C, sealed storage, away from moisture and light
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (196.10 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9610 mL	9.8051 mL	19.6101 mL
	5 mM	0.3922 mL	1.9610 mL	3.9220 mL
	10 mM	0.1961 mL	0.9805 mL	1.9610 mL

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

BIOLOGICAL ACTIVITY

Description

NH₂-bicyclo[1.1.1]pentane-7-MAD-MDCPT (compound I) hydrochloride is a topoisomerase I inhibitor, which can be delivered to cells through conjugated antibody targeting, and has good ADC activity in vivo and in vitro^[1].

REFERENCES

[1]. Andrew C. Phillips, et al. Anti-c-met antibody drug conjugates.WO2022232834.

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

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