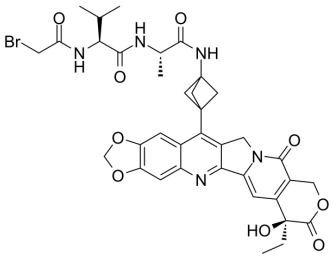
Br-Val-Ala-NH2-bicyclo[1.1.1]pentane-7-MAD-MDCPT

Cat. No.:	HY-148820
CAS No.:	2857037-70-6
Molecular Formula:	$C_{36}H_{38}BrN_5O_9$
Molecular Weight:	764.62
Target:	Drug-Linker Conjugates for ADC; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (130.78 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.3078 mL	6.5392 mL	13.0784 mL
	5 mM	0.2616 mL	1.3078 mL	2.6157 mL
	10 mM	0.1308 mL	0.6539 mL	1.3078 mL

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

BIOLOGICAL ACTIVITY

Description

Br-Val-Ala-NH2-bicyclo[1.1.1]pentane-7-MAD-MDCPT (Formula V) is a agent-linker conjugate that composed of a potent topoisomerase I inhibitor and a linker to make antibody agent conjugate (ADC)[1].

IC_{50} & Target

Drug-Linker Conjugates for ADC[1]

In Vitro

Br-Val-Ala-NH2-bicyclo[1.1.1]pentane-7-MAD-MDCPT can be conjugated to an anti-c-Met antibody to form an anti-c-Met topoisomerase 1 Inhibitorsantibody drug conjugate (ADC)[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Phillips AC, et, al. Anti-c-met antibody drug conjugates. WO2022232834A1.

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

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