SuO-Glu-Val-Cit-PAB-MMAE

Cat. No.: HY-130989

CAS No.: 1895916-24-1

Molecular Formula: $C_{67}H_{103}N_{11}O_{17}$

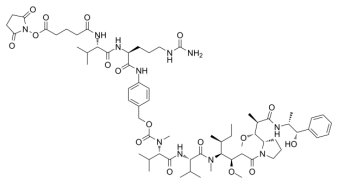
Molecular Weight: 1334.6

Target: Drug-Linker Conjugates for ADC

Pathway: Antibody-drug Conjugate/ADC Related

Storage: -20°C, sealed storage, away from moisture and light

* The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (149.86 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	0.7493 mL	3.7464 mL	7.4929 mL
	5 mM	0.1499 mL	0.7493 mL	1.4986 mL
	10 mM	0.0749 mL	0.3746 mL	0.7493 mL

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

BIOLOGICAL ACTIVITY

Description

SuO-Glu-Val-Cit-PAB-MMAE consists a cleavable ADC linker (SuO-Glu-Val-Cit-PAB) and a potent tubulin inhibitor (MMAE). SuO-Glu-Val-Cit-PAB-MMAE can be used in the synthesis of antibody-drug conjugates (ADCs)[1].

IC_{50} & Target

Auristatin

In Vitro

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

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

REFERENCES

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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