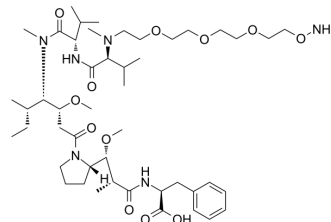


PEG4-aminoxy-MMAF

Cat. No.:	HY-128968
CAS No.:	1415246-35-3
Molecular Formula:	C ₄₇ H ₈₂ N ₆ O ₁₂
Molecular Weight:	923.19
Target:	Drug-Linker Conjugates for ADC; Microtubule/Tubulin
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage; Cytoskeleton
Storage:	-20°C, protect from light * The compound is unstable in solutions, freshly prepared is recommended.



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (108.32 mM)
 DMSO : 100 mg/mL (108.32 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.0832 mL	5.4160 mL	10.8320 mL
	5 mM	0.2166 mL	1.0832 mL	2.1664 mL
	10 mM	0.1083 mL	0.5416 mL	1.0832 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (2.71 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (2.71 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (2.71 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

PEG4-aminoxy-MMAF is a agent-linker conjugate for ADC with potent antitumor activity by using the potent antitubulin agent MMAF, linked via the noncleavable PEG4^[1].

IC₅₀ & Target

Auristatin

REFERENCES

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

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