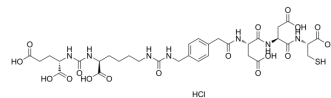


EC1167 hydrochloride

Cat. No.: HY-128938A
Molecular Formula: C₃₃H₄₆ClN₇O₁₇S
Molecular Weight: 880.27
Target: ADC Linker
Pathway: Antibody-drug Conjugate/ADC Related
Storage: -20°C, protect from light, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (142.00 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.1360 mL	5.6801 mL	11.3602 mL
	5 mM	0.2272 mL	1.1360 mL	2.2720 mL
	10 mM	0.1136 mL	0.5680 mL	1.1360 mL

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

BIOLOGICAL ACTIVITY

Description

EC1167 hydrochloride is the linker for EC1169. EC1169 is prostate-specific membrane antigen targeting-tubulysin conjugate. EC1169 hydrochloride has the potential to treat recurrent metastatic, castration-resistant prostate cancer (MCRPC)^[1].

REFERENCES

[1]. Leamon CP, et al. Prostate-Specific Membrane Antigen-Specific Antitumor Activity of a Self-Immolative Tubulysin Conjugate. *Bioconjug Chem.* 2019 Jun 19;30(6):1805-1813.

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

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