Aminoethyl-SS-propionic acid

Cat. No.: HY-140096

CAS No.: 15579-00-7

Molecular Formula: $C_5H_{11}NO_2S_2$

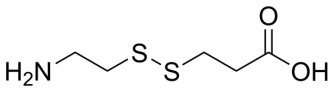
Molecular Weight: 181.28

Target: ADC Linker

Pathway: Antibody-drug Conjugate/ADC Related

Storage:

Powder	-20°C	3 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

H_2O : 125 mg/mL (689.54 mM; Need ultrasonic)

Preparing Stock Solutions (Mass / Solvent / Concentration)	1 mg	5 mg	10 mg
1 mM	5.5163 mL	27.5816 mL	55.1633 mL
5 mM	1.1033 mL	5.5163 mL	11.0327 mL
10 mM	0.5516 mL	2.7582 mL	5.5163 mL

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

In Vivo

1. Add each solvent one by one: PBS
   Solubility: 11.11 mg/mL (61.29 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Aminoethyl-SS-propionic acid is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].

IC_{50} & Target

Disulfide Cleavable Linker | Cleavable Linker

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA