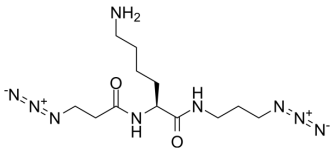
bisSP1

Cat. No.:	HY-147325
CAS No.:	2253947-15-6
Molecular Formula:	$C_{12}H_{23}N_9O_2$
Molecular Weight:	325.37
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (307.34 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	3.0734 mL	15.3671 mL	30.7342 mL
	5 mM	0.6147 mL	3.0734 mL	6.1468 mL
	10 mM	0.3073 mL	1.5367 mL	3.0734 mL

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

BIOLOGICAL ACTIVITY

Description

bisSP1 is an antibody agent conjugates linker[1]. bisSP1 is a click chemistry reagent, it contains an Azide group and can undergo copper-catalyzed azide-alkyne cycloaddition reaction (CuAAc) with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

REFERENCES

[1]. Kyoji TSUCHIKAMA, et al. Linkers for antibody drug conjugates. Patent WO2018218004A1.

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