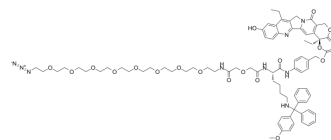


SN38-PAB-Lys(MMT)-oxydiacetamide-PEG8-N3

Cat. No.:	HY-153962		
CAS No.:	1373170-36-5		
Molecular Formula:	C ₇₈ H ₉₅ N ₉ O ₂₀		
Molecular Weight:	1478.64		
Target:	Drug-Linker Conjugates for ADC		
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 (67.63 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.6763 mL	3.3815 mL	6.7630 mL
	5 mM	0.1353 mL	0.6763 mL	1.3526 mL
	10 mM	0.0676 mL	0.3381 mL	0.6763 mL

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

BIOLOGICAL ACTIVITY

Description

SN38-PAB-Lys(MMT)-oxydiacetamide-PEG8-N3 is a Drug-Linker Conjugate for ADC. SN38-PAB-Lys(MMT)-oxydiacetamide-PEG8-N3 consists of the anti-cancer agent SN38 (HY-13704) and a linker Lys(MMT)-PAB-oxydiacetamide-PEG8-N3 (HY-131157). SN38-PAB-Lys(MMT)-oxydiacetamide-PEG8-N3 can be used for synthesis of ADCs^[1]. SN38-PAB-Lys(MMT)-oxydiacetamide-PEG8-N3 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]. Govindan Serengulam V, et al. Antibody-SN-38 immunoconjugates with a CL2A linker. Patent. US20140227180.

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

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