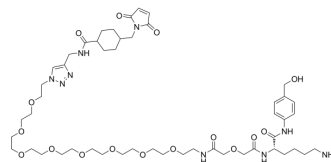


CL2A

Cat. No.:	HY-128945
CAS No.:	2616704-22-2
Molecular Formula:	C ₅₀ H ₇₉ N ₉ O ₁₆
Molecular Weight:	1062.21
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 200 mg/mL (188.29 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.9414 mL	4.7072 mL	9.4143 mL
5 mM	0.1883 mL	0.9414 mL	1.8829 mL
10 mM	0.0941 mL	0.4707 mL	0.9414 mL

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

BIOLOGICAL ACTIVITY

Description

CL2A is a cleavable complicated PEG8- and triazole-containing PABC-peptide-mc linker. CL2A is cleavable through pH sensitivity, giving rise to bystander effect, and binds the antibody at a cysteine residue via a disulfide bond. Labetuzumab govitican used this linker^[1].

IC₅₀ & Target

Cleavable

REFERENCES

[1]. Samantha Congreve, et al. Antibody drug conjugates (ADC). Teknisk- naturvetenskaplig fakultet

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

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