

CL2 Linker

Cat. No.:	HY-128947
CAS No.:	2270986-66-6
Molecular Formula:	C ₆₈ H ₁₀₃ N ₁₁ O ₂₂
Molecular Weight:	1426.61
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CL2 Linker is a cleavable ADC linker. CL2-SN-38 and CL2A-SN-38 are equivalent in agent substitution (~6), cell binding (K _d ~1.2 nM), cytotoxicity (IC ₅₀ ~2.2 nM), and serum stability in vitro (t _{1/2} ~20 hours) ^{[1][2]} .	
IC₅₀ & Target	Acid Cleavable	Cleavable

REFERENCES

- [1]. Moon SJ, et al. Antibody conjugates of 7-ethyl-10-hydroxycamptothecin (SN-38) for targeted cancer chemotherapy. *J Med Chem.* 2008 Nov 13;51(21):6916-26.
- [2]. Cardillo TM, et al. Humanized anti-Trop-2 IgG-SN-38 conjugate for effective treatment of diverse epithelial cancers: preclinical studies in human cancer xenograft models and monkeys. *Clin Cancer Res.* 2011 May 15;17(10):3157-69.

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

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