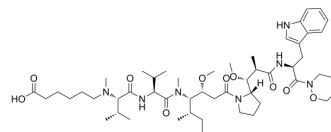


Modified MMAF-C5-COOH

Cat. No.:	HY-141593
CAS No.:	1404071-65-3
Molecular Formula:	C ₅₁ H ₈₃ N ₇ O ₁₀
Molecular Weight:	954.25
Target:	Drug-Linker Conjugates for ADC
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Modified MMAF-C5-COOH is a agent-linker conjugate for ADC ^[1] .
In Vitro	MMAF inhibits anaplastic large cell lymphoma Karpas 299, breast carcinoma H3396, renal cell carcinoma 786-O and Caki-1 cells with IC ₅₀ s of 119, 105, 257 and 200 nM in vitro cytotoxicity assay ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Polson AG, et al. Antibody-drug conjugates for the treatment of non-Hodgkin's lymphoma: target and linker-drug selection [published correction appears in Cancer Res. 2010 Feb 1;70(3):1275. Slaga, Dion S [added]]. Cancer Res. 2009;69(6):2358-2364.

[2]. Doronina SO, et al. Enhanced activity of monomethylauristatin F through monoclonal antibody delivery: effects of linker technology on efficacy and toxicity. Bioconjug Chem. 2006;17(1):114-124.

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

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