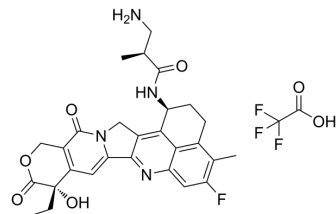


NH₂-methylpropanamide-Exatecan TFA

Cat. No.:	HY-156686
CAS No.:	1817857-35-4
Molecular Formula:	C ₃₀ H ₃₀ F ₄ N ₄ O ₇
Molecular Weight:	634.58
Target:	ADC Cytotoxin; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	NH ₂ -methylpropanamide-Exatecan TFA is a methylpropanamide-modified Exatecan (HY-13631), which is the common ADC Cytotoxin used in the synthesis of ADC. Exatecan is a DNA topoisomerase I inhibitor, with an IC ₅₀ of 2.2 μM (0.975 μg/mL), and can be used in cancer research ^[1] .
IC ₅₀ & Target	Camptothecins

REFERENCES

[1]. Weng W, et al. Antibody-Exatecan Conjugates with a Novel Self-immolative Moiety Overcome Resistance in Colon and Lung Cancer. *Cancer Discov.* 2023 Apr 3;13(4):950-973.

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

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