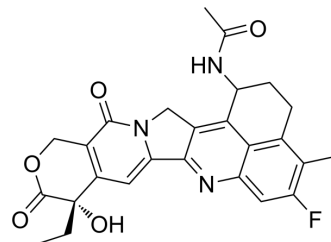


Exatecan intermediate 9

Cat. No.:	HY-43565
CAS No.:	2290562-59-1
Molecular Formula:	C ₂₆ H ₂₄ FN ₃ O ₅
Molecular Weight:	477.48
Target:	ADC Cytotoxin; Topoisomerase
Pathway:	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
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)



BIOLOGICAL ACTIVITY

Description	Exatecan intermediate 9 is an intermediate for the synthesis of Exatecan (HY-13631). Exatecan (DX-8951) is a common toxin component in ADC preparation (ADC Cytotoxin) and an inhibitor of DNA topoisomerase I (IC ₅₀ =2.2 μM) ^[1] .
IC ₅₀ & Target	Camptothecins

REFERENCES

[1]. Mitsui I, et al. A new water-soluble camptothecin derivative, DX-8951f, exhibits potent antitumor activity against human tumors in vitro and in vivo. Jpn J Cancer Res. 1995 Aug;86(8):776-82.

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

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