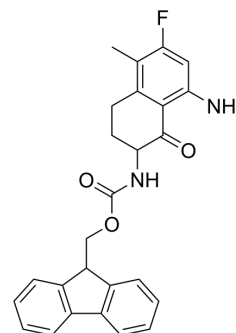


## Exatecan Intermediate 3

Cat. No.:	HY-46081
Molecular Formula:	C <sub>26</sub> H <sub>23</sub> FN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	430.47
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 3 is the intermediate of Exatecan (HY-13631) And Exatecan (DX-8951) is a DNA topoisomerase I inhibitor with an IC <sub>50</sub> value of 2.2 μM (0.975 μg/mL) that can be used in cancer research. Exatecan Intermediate 3 can be used to synthesize Antibody-Drug Conjugates (ADCs).
IC <sub>50</sub> & 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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