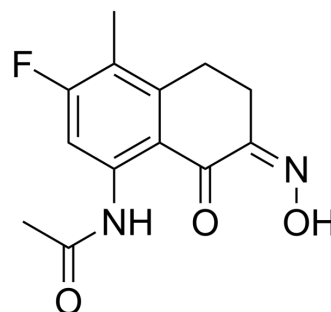


## Exatecan intermediate 11

<b>Cat. No.:</b>	HY-49861
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	264.25
<b>Target:</b>	ADC Cytotoxin; Topoisomerase
<b>Pathway:</b>	Antibody-drug Conjugate/ADC Related; Cell Cycle/DNA Damage
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Exatecan intermediate 11 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 <sub>50</sub> =2.2 μM) <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	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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