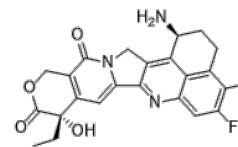


Product Name : Exatecan
Cat. No. : PC-28464
CAS No. : 171335-80-1
Molecular Formula : C₂₄H₂₂FN₃O₄
Molecular Weight : 435.46
Target : ADC Cytotoxin
Solubility : 10 mM in DMSO



Biological Activity

Exatecan (DX-8951) is a potent DNA topoisomerase I (Topo I) inhibitor with IC₅₀ of 2.2 μM (0.975 μg/mL), exerts its cytotoxic effect by trapping the TOP1-DNA cleavage complex (TOP1cc), is a cytotoxic payload for ADCs.

References

Mitsui I, et al. Jpn J Cancer Res. 1995 Aug;86(8):776-82.

Sun FX, et al. Cancer Res. 2003 Jan 1;63(1):80-5.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com