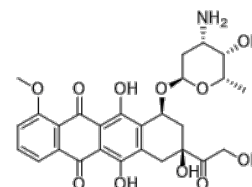


Product Name : Doxorubicin
Cat. No. : PC-28248
CAS No. : 23214-92-8
Molecular Formula : C₂₇H₂₉NO₁₁
Molecular Weight : 543.53
Target : Topoisomerase
Solubility : 10 mM in DMSO



Biological Activity

Doxorubicin (Hydroxydaunorubicin) is a cytotoxic anthracycline antibiotic with anti-cancer chemotherapy activity, is a potent human DNA topoisomerase I and topoisomerase II inhibitor with IC₅₀ of 0.8 μM and 2.67 μM, respectively.

References

- John L. Nitiss, et al. Nat Rev Cancer. 2009 May;9(5):338-50.
Hee-KyungRhee,et al. Bioorg Med Chem. 2007 Feb 15;15(4):1651-8.

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

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