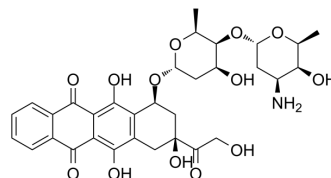


Sabarubicin

Cat. No.:	HY-13745
CAS No.:	211100-13-9
Molecular Formula:	C ₃₂ H ₃₇ NO ₁₃
Molecular Weight:	643.64
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sabarubicin is a doxorubicin disaccharide analogue with striking antitumor activity. Sabarubicin is more effective than doxorubicin as a topoisomerase II poison and stimulated DNA fragmentation at lower intracellular concentrations.

REFERENCES

- [1]. Arcamone F, Animati F, Berettoni M, et al. Doxorubicin disaccharide analogue: apoptosis-related improvement of efficacy in vivo. *J Natl Cancer Inst.* 1997;89(16):1217-1223.
- [2]. Mazzini S, Scaglioni L, Animati F, Mondelli R. Interaction between double helix DNA fragments and the new antitumor agent sabarubicin, Men10755. *Bioorg Med Chem.* 2010;18(4):1497-1506.

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

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