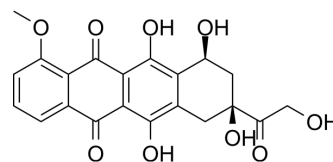


Doxorubicinone

Cat. No.:	HY-121309
CAS No.:	24385-10-2
Molecular Formula:	C ₂₁ H ₁₈ O ₉
Molecular Weight:	414.36
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Doxorubicinone is a metabolite of an anti-cancer chemotherapy agent Doxorubicin^[1]. Doxorubicin is a potent human DNA topoisomerase I and topoisomerase II inhibitor with IC₅₀s of 0.8 μM and 2.67 μM, respectively.

CUSTOMER VALIDATION

- Cell Death Dis. 2022 Apr 22;13(4):396.
- Exp Ther Med. October 21, 2021.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. M Joerger, et al. Pharmacokinetics of low-dose doxorubicin and metabolites in patients with AIDS-related Kaposi sarcoma. Cancer Chemother Pharmacol. 2005 May;55(5):488-96.

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

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