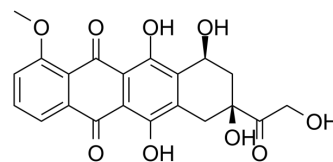


## Doxorubicinone

Cat. No.:	HY-121309
CAS No.:	24385-10-2
Molecular Formula:	C <sub>21</sub> H <sub>18</sub> O <sub>9</sub>
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<sup>[1]</sup>. Doxorubicin is a potent human DNA topoisomerase I and topoisomerase II inhibitor with IC<sub>50</sub>s of 0.8 μM and 2.67 μM, respectively.

### 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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