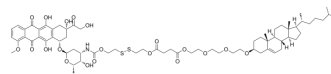


## SDOX

Cat. No.:	HY-144769
CAS No.:	2921601-78-5
Molecular Formula:	C <sub>69</sub> H <sub>97</sub> NO <sub>20</sub> S <sub>2</sub>
Molecular Weight:	1324.63
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

SDOX is the Doxorubicin (DOX) proagent. The loaded DOX proagents (SDOX) which can release the parent agents DOX triggered by excessive GSH in tumor cells, minimize the unexpected side effects on normal tissues without compromising the potency<sup>[1]</sup>.

## REFERENCES

[1]. Yi Zhao, et al. pH-redox responsive cascade-targeted liposomes to intelligently deliver doxorubicin prodrugs and Iridamine for glioma. Eur J Med Chem. 2022 May 5;235:114281.

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

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