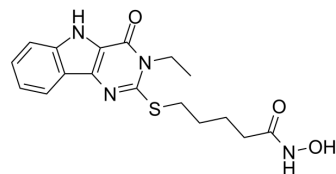


Topo II/HDAC-IN-2

Cat. No.:	HY-149239
CAS No.:	2922269-24-5
Molecular Formula:	C ₁₇ H ₂₀ N ₄ O ₃ S
Molecular Weight:	360.43
Target:	Topoisomerase; HDAC; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Topo II/HDAC-IN-2 (8d) exhibits excellent dual inhibitory activities against Topo II and HDAC. Topo II/HDAC-IN-2 (8d) induces apoptosis ^[1] .
In Vitro	Topo II/HDAC-IN-2 (8d) could promote apoptosis and significantly inhibit the migration in MCF-7 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mengmiao Zhao, et al. Design, synthesis and biological evaluation of dual Topo II/HDAC inhibitors bearing pyrimido[5,4-b]indole and pyrazolo[3,4-d]pyrimidine motifs. Eur J Med Chem. 2023 Apr 5;252:115303.

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

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