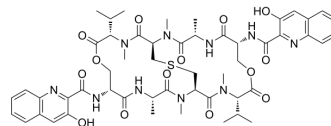


Antitumor agent-149

Cat. No.:	HY-161425
CAS No.:	2368983-54-2
Molecular Formula:	C ₅₂ H ₆₄ N ₁₀ O ₁₄ S
Molecular Weight:	1085.19
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitumor agent-149 (Compound 3) is an analogue of Echinomycin (HY-106101). Antitumor agent-149 inhibits HIF-1 α -mediated transcription. Antitumor agent-149 induces cancer cell apoptosis. Antitumor agent-149 inhibits tumor growth in SW620 xenograft mice model ^[1] .
In Vitro	Antitumor agent-149 shows cytotoxicity against SW620 and MIA PaCa-2 cells with IC ₅₀ s of 0.85 nM and 1.4 nM respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kojima K, et al. Synthesis and biological evaluation of echinomycin analogues as potential colon cancer agent. Sci Rep. 2024 Apr 1;14(1):7628.

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

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