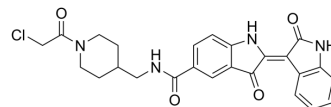


GPX4-IN-7

Cat. No.:	HY-156286
Molecular Formula:	C ₂₅ H ₂₃ ClN ₄ O ₄
Molecular Weight:	478.93
Target:	Ferroptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GPX4-IN-7 (Compound 31), indirubin derivative, is a ferroptosis inducer for colon cancer. GPX4-IN-7 has strong antitumor activity against HCT-116 cells with an IC ₅₀ value of 0.49 μM. GPX4-IN-7 can promote the degradation of GPX4, causing the accumulation of lipid ROS to induce ferroptosis ^[1] .
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IC₅₀ & Target	IC ₅₀ : 0.49 μM (HCT-116 cells) ^[1] .
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REFERENCES

[1]. Zhu JM, et al. Discovery and optimization of indirubin derivatives as novel ferroptosis inducers for the treatment of colon cancer. *Eur J Med Chem.* 2023 Sep 28;261:115829.

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

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