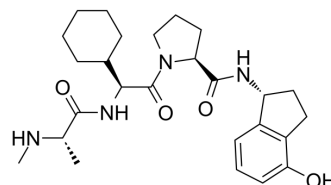


Anticancer agent 128

Cat. No.:	HY-155019
CAS No.:	2941243-62-3
Molecular Formula:	C ₂₆ H ₃₈ N ₄ O ₄
Molecular Weight:	470.6
Target:	IAP
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anticancer agent 128 (compound 1) is an IAP inhibitor that covalently targets the BIR3 domains of XIAP, cIAP1, and cIAP2. Anticancer agent 128 targets the BIR3 domains of XIAP, cIAP1, and cIAP2 with IC ₅₀ s of 24.9 nM, 19.3 nM, and 10.3 nM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 27.2 nM (XIAP-BIR3), 16.6 nM (cIAP1-BIR3), and 8.4 nM (cIAP2-BIR3) ^[1]

REFERENCES

[1]. Parima Udompholkul, et al. Characterization of a Potent and Orally Bioavailable Lys-Covalent Inhibitor of Apoptosis Protein (IAP) Antagonist. J Med Chem. 2023 Jun 22;66(12):8159-8169.

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

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