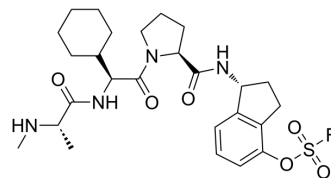


## Anticancer agent 127

Cat. No.:	HY-155018
CAS No.:	2410953-19-2
Molecular Formula:	C <sub>26</sub> H <sub>37</sub> FN <sub>4</sub> O <sub>6</sub> S
Molecular Weight:	552.66
Target:	IAP
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Anticancer agent 127 (142D6) is an IAP inhibitor that covalently targets the BIR3 domains of XIAP, cIAP1, and cIAP2. Anticancer agent 127 targets the BIR3 domains of XIAP, cIAP1, and cIAP2 with IC <sub>50</sub> s of 12 nM, 14 nM, and 9 nM, respectively. Anticancer agent 127 has anticancer effects <sup>[1]</sup> .
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<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 12 nM (XIAP-BIR3), 14 nM (cIAP1-BIR3), and 9 nM (cIAP2-BIR3) <sup>[1]</sup>
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### REFERENCES

[1]. Udompholkul P, 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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