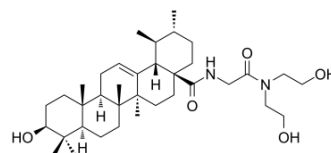


SENP1-IN-2

Cat. No.:	HY-134595
CAS No.:	2416910-70-6
Molecular Formula:	C ₃₆ H ₆₀ N ₂ O ₅
Molecular Weight:	600.87
Target:	E1/E2/E3 Enzyme
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SENP1-IN-2 is a specific deSUMOylation protease 1 (SENP1) inhibitor extracted from patent CN110627860, Compound 30. SENP1-IN-2 is developed for tumor radiosensitivity enhancement ^[1] .									
IC₅₀ & Target	SENP1 ^[1]									
In Vitro	<p>SENP1-IN-2 may improve the sensitivity of tumor cells to irradiation^[1]. SENP1-IN-2 (0.7-20 μM; 72 hours) has cytotoxic for Hella cells with an IC₅₀ of >20 μM^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Cytotoxicity Assay^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>Hela cells</td> </tr> <tr> <td>Concentration:</td> <td>0.7 μM, 2.2 μM, 6.6 μM, 20 μM</td> </tr> <tr> <td>Incubation Time:</td> <td>72 hours</td> </tr> <tr> <td>Result:</td> <td>IC₅₀>20 μM</td> </tr> </table>		Cell Line:	Hela cells	Concentration:	0.7 μM, 2.2 μM, 6.6 μM, 20 μM	Incubation Time:	72 hours	Result:	IC ₅₀ >20 μM
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Concentration:	0.7 μM, 2.2 μM, 6.6 μM, 20 μM									
Incubation Time:	72 hours									
Result:	IC ₅₀ >20 μM									

REFERENCES

[1]. Li, Yiliang, et al. Preparation of ursolic acid derivatives useful as SENP1 inhibitors and tumor radiosensitizer. CN110627860A.

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

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