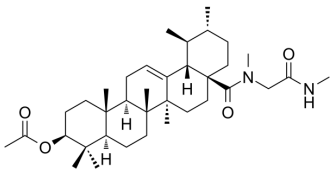
SENP1-IN-3

Cat. No.:	HY-134596
CAS No.:	2416910-59-1
Molecular Formula:	$C_{36}H_{58}N_2O_4$
Molecular Weight:	582.86
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-3 is a specific deSUMOylation protease 1 (SENP1) inhibitor extracted from patent CN110627860, Compound 17. SENP1-IN-3 is developed for tumor radiosensitivity enhancement[1].
IC_{50} & Target	SENP1[1]
In Vitro	SENP1-IN-3 improves the sensitivity of tumor cells to irradiation[1]. SENP1-IN-3 (0.7-20 μM; 72 hours)has cytotoxic for Hella cells with an IC_{50} of >20μM[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Cell Cytotoxicity Assay[1]

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

REFERENCES

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

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