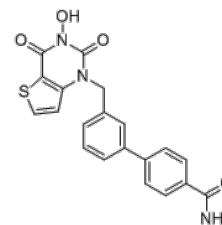


Product Name : FEN1-IN-C20
Cat. No. : PC-61813
CAS No. : 824983-94-0
Molecular Formula : C₂₀H₁₅N₃O₄S
Molecular Weight : 393.417
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

FEN1-IN-C20 is an N-hydroxyl urea derivative that specifically inhibits **flap endonuclease 1 (FEN1)** activity with IC₅₀ of 3 nM.

FEN1-IN-C20 significantly suppresses cell proliferation and induces DNA damage in lung cancer cells, enhances the therapeutic effect of cisplatin.

FEN1-IN-C20 efficiently suppresses cancer progression in combination with cisplatin in mouse models.

References

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He L, et al. *Mol Oncol*. 2017 Jun;11(6):640-654.

He L, et al. *EBioMedicine*. 2016 Dec;14:32-43.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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