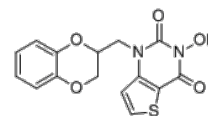


Product Name : FEN1-IN-1
Cat. No. : PC-62300
CAS No. : 824983-91-7
Molecular Formula : C₁₅H₁₂N₂O₅S
Molecular Weight : 332.33
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

FEN1-IN-1 is a potent, selective **Flap Endonuclease-1 (FEN1)** inhibitor with IC₅₀ of 11 nM. FEN1-IN-1 displays 1,000-fold specificity over a related endonuclease, xeroderma pigmentosum G (XPG). FEN1-IN-1 significantly potentiates the action of methyl methanesulfonate (MMS) and temozolamide in a bladder cancer cell line.

References

- Exell JC, et al. *Nat Chem Biol*. 2016 Oct;12(10):815-21.
Tumey LN, et al. *Bioorg Med Chem Lett*. 2005 Jan 17;15(2):277-81.

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

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