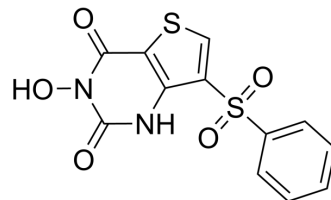


FEN1-IN-6

Cat. No.:	HY-153791
CAS No.:	824983-84-8
Molecular Formula:	C ₁₂ H ₈ N ₂ O ₅ S ₂
Molecular Weight:	324.33
Target:	FLAP
Pathway:	Immunology/Inflammation
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

FEN1-IN-6 (compound 9) is a potent inhibitor of Flap endonuclease-1 (FEN1, IC₅₀=10 nM), involving in mammalian cells to repair DNA damage. FEN1-IN-6 also targets to related endonuclease, xeroderma pigmentosum G (XPG) with an IC₅₀ value of 23 nM^[1].

REFERENCES

[1]. Tumey LN, et al. The identification and optimization of a N-hydroxy urea series of flap endonuclease 1 inhibitors. *Bioorg Med Chem Lett*. 2005 Jan 17;15(2):277-81.

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

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