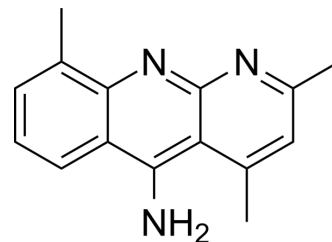


AR03

Cat. No.:	HY-119993
CAS No.:	510721-85-4
Molecular Formula:	C ₁₅ H ₁₅ N ₃
Molecular Weight:	237.3
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AR03 (BMH-23) is an apurinic/apyrimidinic endonuclease 1 (Ape1) inhibitor with an IC ₅₀ of 2.1 μM. AR03 has low affinity for double-stranded DNA. AR03 potentiates the cytotoxicity of methyl methanesulfonate and temozolomide in SF767 cells ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.1 μM (Ape1) ^[1]

REFERENCES

[1]. Aditi Bapat, et al. Novel small-molecule inhibitor of apurinic/apyrimidinic endonuclease 1 blocks proliferation and reduces viability of glioblastoma cells. *J Pharmacol Exp Ther.* 2010 Sep 1;334(3):988-98.

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

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