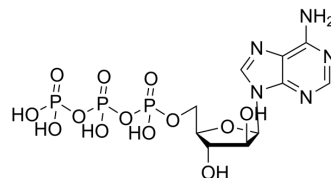


Ara-ATP

Cat. No.:	HY-134031
CAS No.:	3714-60-1
Molecular Formula:	C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃
Molecular Weight:	507.18
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	Ara-ATP, a structural analog of ATP, inhibits poly(A) polymerase activity by competing with ATP ^[1] .
In Vitro	Ara-ATP inhibits the initial polyadenylation of RNA catalyzed by chromatin-associated poly(A) polymerase ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ghoshal K, Jacob ST. Ara-ATP impairs 3'-end processing of pre-mRNAs by inhibiting both cleavage and polyadenylation. *Nucleic Acids Res.* 1991 Nov 11;19(21):5871-5.

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

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