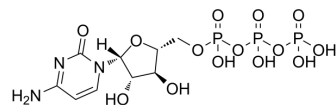


Cytarabine triphosphate

Cat. No.:	HY-115740
CAS No.:	13191-15-6
Molecular Formula:	C ₉ H ₁₆ N ₃ O ₁₄ P ₃
Molecular Weight:	483.16
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

Cytarabine triphosphate (Ara-CTP), an active metabolite of Cytarabine, is a competitive inhibitor of DNA synthesis. Intracellular Cytarabine triphosphate levels can be used to predict chemosensitivity of leukemic blasts to Cytarabine^[1].

REFERENCES

[1]. Anderson E, et, al. Intracellular cytarabine triphosphate in circulating blasts post-treatment predicts remission status in patients with acute myeloid leukemia. Exp Hematol. 2019 Jun;74:13-18.e3.

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

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