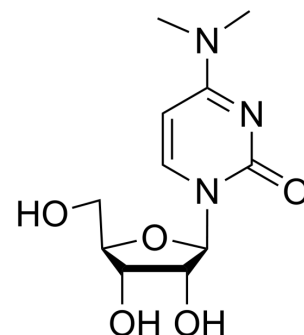


N4,N4-Dimethylcytidine

Cat. No.:	HY-152300
CAS No.:	13007-43-7
Molecular Formula:	C ₁₁ H ₁₇ N ₃ O ₅
Molecular Weight:	271.27
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

N4,N4-Dimethylcytidine is a cytidine nucleoside analog. Cytidine analogs have a mechanism of inhibiting DNA methyltransferases (such as Zebularine, HY-13420), and have potential anti-metabolic and anti-tumor activities^[1].

REFERENCES

[1]. Gowher H, et al. Mechanism of inhibition of DNA methyltransferases by cytidine analogs in cancer therapy. *Cancer Biol Ther.* 2004 Nov;3(11):1062-8.

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

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