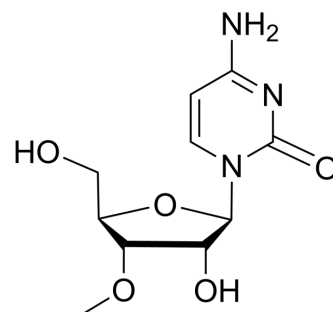


3'-O-Methylcytidine

Cat. No.:	HY-W578275
CAS No.:	20594-00-7
Molecular Formula:	C ₁₀ H ₁₅ N ₃ O ₅
Molecular Weight:	257.24
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

3'-O-Methylcytidine is a cytidine 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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