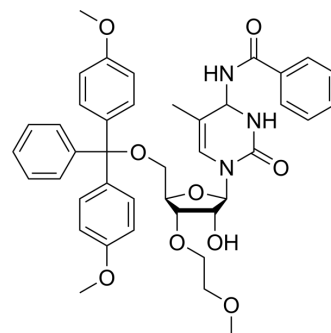


N4-Benzoyl-5'-O-DMT-3'-O-(2-methoxyethyl)-5-methylcytidine

Cat. No.:	HY-154450
CAS No.:	256223-98-0
Molecular Formula:	C ₄₁ H ₄₅ N ₃ O ₉
Molecular Weight:	723.81
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-Benzoyl-5'-O-DMT-3'-O-(2-methoxyethyl)-5-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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