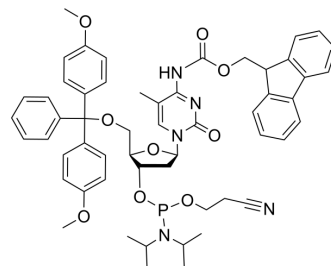


2'-Deoxy-5'-O-DMT-N4-Fmoc-5-methylcytidine 3'-CE-phosphoramidite

Cat. No.:	HY-152979
CAS No.:	176755-87-6
Molecular Formula:	C ₅₅ H ₆₀ N ₅ O ₉ P
Molecular Weight:	966.07
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

2'-Deoxy-5'-O-DMT-N4-Fmoc-5-methylcytidine 3'-CE-phosphoramidite 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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