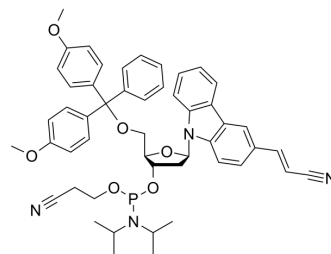


3-Cyanovinylcarbazole phosphoramidite

Cat. No.:	HY-141893
CAS No.:	1157899-72-3
Molecular Formula:	C ₅₀ H ₅₃ N ₄ O ₆ P
Molecular Weight:	836.95
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

3-Cyanovinylcarbazole phosphoramidite is an antiviral agent that inhibits the synthesis of viral DNA. The modified nucleoside in the compound is synthesized by modifying the ribonucleotide with cyano group at the C-3 position, and can be used as a phosphoric acid amide for DNA synthesis^[1].

REFERENCES

[1]. Takashi Sakamoto, et al. DNA photo-cross-linking using 3-cyanovinylcarbazole modified oligonucleotide with threoninol linker. *Org Lett.* 2015 Feb 20;17(4):936-9.

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

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