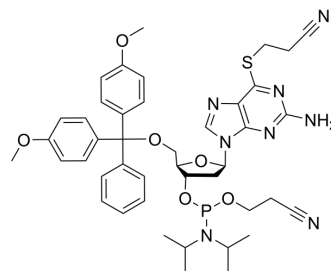


6-S-(2-Cyanoethyl)-2'-deoxy-5'-O-DMTr--6-thioguanosine 3'-CED phosphoramidite

Cat. No.:	HY-154617
Molecular Formula:	C ₄₃ H ₅₁ N ₈ O ₆ PS
Molecular Weight:	838.95
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

6-S-(2-Cyanoethyl)-2'-deoxy-5'-O-DMTr--6-thioguanosine 3'-CED phosphoramidite is a purine nucleoside analog. Purine nucleoside analogs have broad antitumor activity targeting indolent lymphoid malignancies. Anticancer mechanisms in this process rely on inhibition of DNA synthesis, induction of apoptosis, etc^[1].

REFERENCES

[1]. Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.

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

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