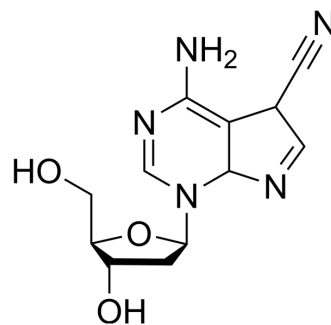


4-Amino-5-cyano-1-(2-deoxy-β-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine

Cat. No.:	HY-154002
Molecular Formula:	C ₁₂ H ₁₅ N ₅ O ₃
Molecular Weight:	277.28
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

4-Amino-5-cyano-1-(2-deoxy-β-D-ribofuranosyl)-7H-pyrrolo[2,3-d]pyrimidine is a pyrimidine nucleoside analog. Pyrimidine nucleoside analogs have a wide range of biochemical and anticancer activities. These include DNA synthesis inhibition, RNA synthesis inhibition, antiviral effects, and immunomodulatory effects^[1].

REFERENCES

[1]. Galmarini CM, et al. Pyrimidine nucleoside analogs in cancer treatment. *Expert Rev Anticancer Ther.* 2003 Oct;3(5):717-28.

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

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