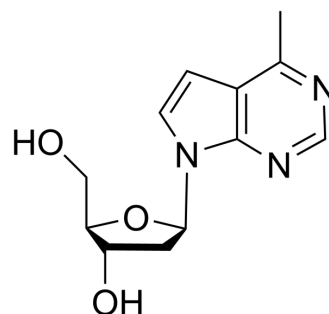


9-(2-Deoxy-beta-D-ribofuranosyl)-6-methylpurine

Cat. No.:	HY-W394432
CAS No.:	16006-64-7
Molecular Formula:	C ₁₂ H ₁₅ N ₃ O ₃
Molecular Weight:	249.27
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

(2R,3S,5R)-2-(hydroxymethyl)-5-(6-methyl-9H-purin-9-yl)tetrahydrofuran-3-ol (9-(2-Deoxy-beta-D-ribofuranosyl)-6-methylpurine) is a purine nucleoside analogue. 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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