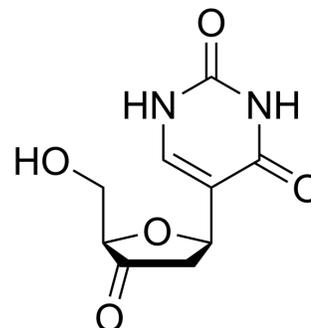


(2R-cis)-5-[Tetrahydro-5-(hydroxymethyl)-4-oxo-2-furanyl]-2,4(1H,3H)-pyrimidinedione

Cat. No.:	HY-154613
CAS No.:	142189-87-5
Molecular Formula:	C ₉ H ₁₀ N ₂ O ₅
Molecular Weight:	226.19
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-cis)-5-[Tetrahydro-5-(hydroxymethyl)-4-oxo-2-furanyl]-2,4(1H,3H)-pyrimidinedione 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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