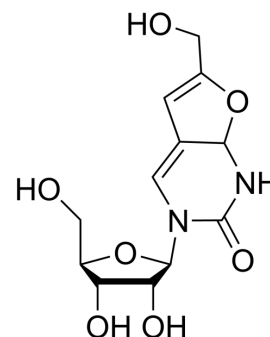


3-β-D-Ribofuranosyl-6-hydroxymethyl-furano[2,3-d]-pyrimidin-2-one

| | |
|--------------------|---|
| Cat. No.: | HY-154029 |
| CAS No.: | 1058167-74-0 |
| Molecular Formula: | C ₁₂ H ₁₆ N ₂ O ₇ |
| Molecular Weight: | 300.26 |
| 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

3-β-D-Ribofuranosyl-6-hydroxymethyl-furano[2,3-d]-pyrimidin-2-one 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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