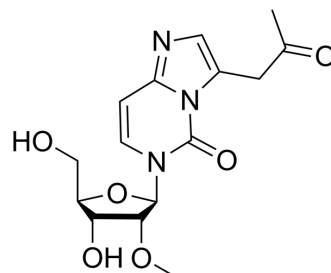


6-(2-O-Methyl-beta-D-ribofuranosyl)-3-(2-oxo-propyl)-6H-imidazo[1,2-c]pyrimidin-5-one

Cat. No.:	HY-152770
CAS No.:	2095417-54-0
Molecular Formula:	C ₁₅ H ₁₉ N ₃ O ₆
Molecular Weight:	337.33
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-((2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxytetrahydrofuran-2-yl)-3-(2-oxopropyl)imidazo[1,2-c]pyrimidin-5(6H)-one 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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