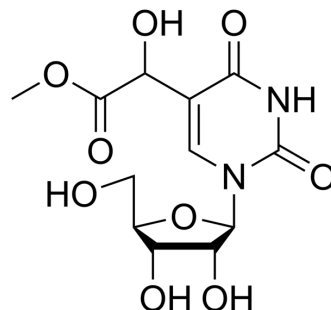


## Methyl 1,2,3,4-tetrahydro- $\alpha$ -hydroxy-2,4-dioxo-1- $\beta$ -D-ribofuranosyl-5-pyrimidineacetate

Cat. No.:	HY-152990
CAS No.:	945684-13-9
Molecular Formula:	C <sub>12</sub> H <sub>16</sub> N <sub>2</sub> O <sub>9</sub>
Molecular Weight:	332.26
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

Methyl 1,2,3,4-tetrahydro- $\alpha$ -hydroxy-2,4-dioxo-1- $\beta$ -D-ribofuranosyl-5-pyrimidineacetate 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<sup>[1]</sup>.

### 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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