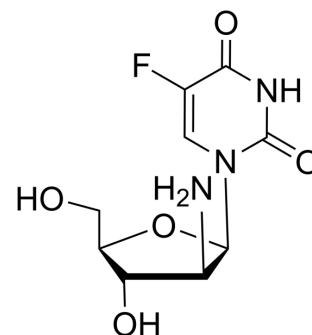


## 2'-Amino-2'-deoxy-5-fluoro-arabinouridine

Cat. No.:	HY-152340
CAS No.:	2305415-81-8
Molecular Formula:	C <sub>9</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	261.21
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

2'-Amino-2'-deoxy-5-fluoro-arabinouridine 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<sup>[1]</sup>.

### REFERENCES

- [1]. Connolly GP, et al. Uridine and its nucleotides: biological actions, therapeutic potentials. Trends Pharmacol Sci. 1999 May;20(5):218-25.
- [2]. 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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