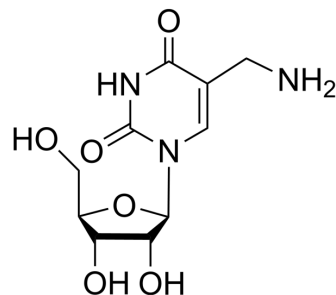


## 5-(Aminomethyl)uridine

Cat. No.:	HY-152510
CAS No.:	190448-73-8
Molecular Formula:	C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub>
Molecular Weight:	273.24
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

5-(Aminomethyl)uridine 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]. Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. *Molecules*. 2011 Sep 15;16(9):7980-93.

[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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