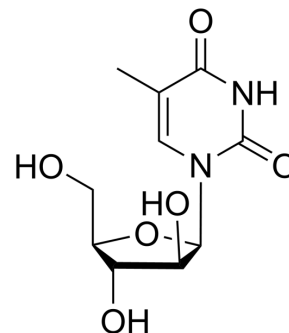


## Thymine 1-β-D-arabinofuranoside

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-137848   |
| CAS No.:           | 605-23-2  |
| Molecular Formula: | C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub>                             |
| Molecular Weight:  | 258.23  |
| 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

Thymine 1-β-D-arabinofuranoside 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<sup>[1]</sup>.

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA