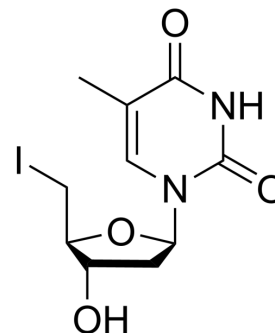


## 5'-Deoxy-5'-iodothymidine

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-154347   |
| CAS No.:           | 25953-14-4  |
| Molecular Formula: | C <sub>10</sub> H <sub>13</sub> IN <sub>2</sub> O <sub>4</sub>                            |
| Molecular Weight:  | 352.13  |
| Target:            | ADC Cytotoxin   |
| Pathway:           | Antibody-drug Conjugate/ADC Related   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

5'-Deoxy-5'-iodothymidine 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]. 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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