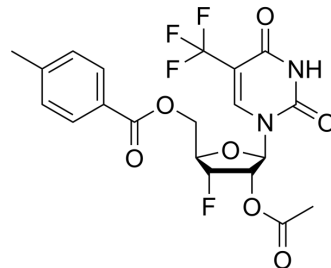


## 2'-O-Acetyl-5'-O-(p-toluoyl)-3'-deoxy-3'-fluoro-5-trifluoromethyluridine

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-154072   |
| CAS No.:           | 2072145-74-3  |
| Molecular Formula: | C <sub>20</sub> H <sub>18</sub> F <sub>4</sub> N <sub>2</sub> O <sub>7</sub>              |
| Molecular Weight:  | 474.36  |
| 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'-O-Acetyl-5'-O-(p-toluoyl)-3'-deoxy-3'-fluoro-5-trifluoromethyluridine 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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