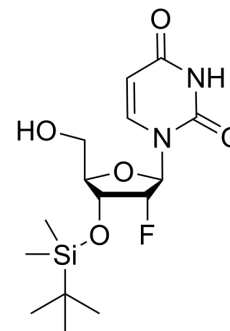


## 3'-O-(t-Butyldimethylsilyl)-2'-deoxy-2'-fluorouridine

<b>Cat. No.:</b>	HY-41793		
<b>CAS No.:</b>	1445379-59-8		
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>25</sub> FN <sub>2</sub> O <sub>5</sub> Si		
<b>Molecular Weight:</b>	360.45		
<b>Target:</b>	Nucleoside Antimetabolite/Analog		
<b>Pathway:</b>	Cell Cycle/DNA Damage		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

3'-O-(t-Butyldimethylsilyl)-2'-deoxy-2'-fluorouridine 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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