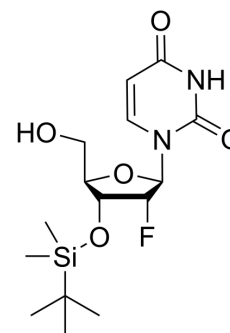


3'-O-(t-Butyldimethylsilyl)-2'-deoxy-2'-fluorouridine

Cat. No.:	HY-41793		
CAS No.:	1445379-59-8		
Molecular Formula:	C ₁₅ H ₂₅ FN ₂ O ₅ Si		
Molecular Weight:	360.45		
Target:	Nucleoside Antimetabolite/Analog		
Pathway:	Cell Cycle/DNA Damage		
Storage:	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^[1].

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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