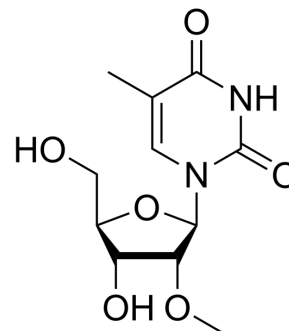


5-Methyl-2'-O-methyl-uridine

Cat. No.:	HY-W100234		
CAS No.:	55486-09-4		
Molecular Formula:	C ₁₁ H ₁₆ N ₂ O ₆		
Molecular Weight:	272.25		
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

5-Methyl-2'-O-methyl-uridine (2'-O-methyl-5-methyluridine) is a thymidine analog. Analogs of this series have insertional activity towards replicated DNA. They can be used to label cells and track DNA synthesis^[1].

REFERENCES

[1]. Cavanagh BL, et al. Thymidine analogues for tracking DNA synthesis. *Molecules*. 2011 Sep 15;16(9):7980-93.

Caution: Product has not been fully validated for medical applications. For research use only.

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