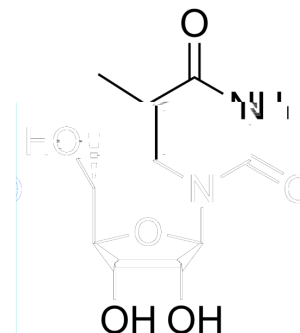


## 5'(R)-C-Methyl-5-methyluridine

Cat. No.:	HY-152781
CAS No.:	129745-35-3
Molecular Formula:	C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	272.25
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

5'(R)-C-Methyl-5-methyluridine is a thymidine analogue. Analogs of this series have insertional activity towards replicated DNA. They can be used to label cells and track DNA synthesis<sup>[1]</sup>.

### 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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