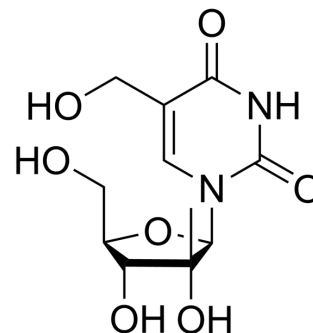


## 5-Hydroxymethyl-2'-β-C-methyluridine

Cat. No.:	HY-152450
CAS No.:	2305415-92-1
Molecular Formula:	C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>7</sub>
Molecular Weight:	288.25
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-Hydroxymethyl-2'-β-C-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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA