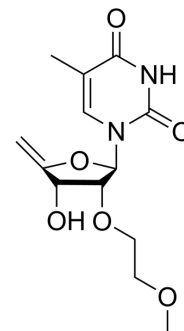


4',5'-Didehydro-2'-O-(2-methoxyethyl)-5-methyluridine

| | |
|--------------------|---|
| Cat. No.: | HY-154385 |
| CAS No.: | 2095417-31-3 |
| Molecular Formula: | C ₁₃ H ₁₈ N ₂ O ₆ |
| Molecular Weight: | 298.29 |
| 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

4',5'-Didehydro-2'-O-(2-methoxyethyl)-5-methyluridine 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.

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