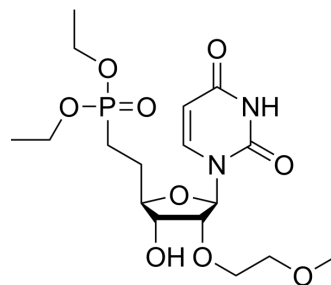


## 1-[6-(Diethoxyphosphinyl)-2-O-(2-methoxyethyl)-β-D-ribo-hexofuranosyl]uracil

Cat. No.:	HY-154175
Molecular Formula:	C <sub>17</sub> H <sub>29</sub> N <sub>2</sub> O <sub>9</sub> P
Molecular Weight:	436.39
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

1-[6-(Diethoxyphosphinyl)-2-O-(2-methoxyethyl)-β-D-ribo-hexofuranosyl]uracil is a uridine analog. Uridine has potential antiepileptic effects, and its analogs can be used to study anticonvulsant and anxiolytic activities, as well as to develop new antihypertensive agents<sup>[1]</sup>.

### REFERENCES

[1]. Connolly GP, et al. Uridine and its nucleotides: biological actions, therapeutic potentials. Trends Pharmacol Sci. 1999 May;20(5):218-25.

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

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