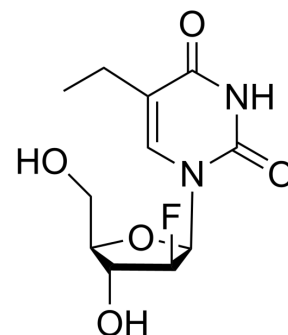


1-(2-Deoxy-2-fluoro-β-D-arabinofuranosyl)-5-ethyl-2,4(1H,3H)-pyrimidinedione

Cat. No.:	HY-152676
CAS No.:	83546-42-3
Molecular Formula:	C ₁₁ H ₁₅ FN ₂ O ₅
Molecular Weight:	274.25
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

1-(2-Deoxy-2-fluoro-β-D-arabinofuranosyl)-5-ethyl-2,4(1H,3H)-pyrimidinedione 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^[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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