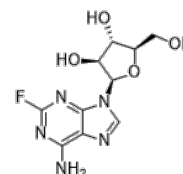


Product Name : Fludarabine
Cat. No. : PC-22565
CAS No. : 21679-14-1
Molecular Formula : C₁₀H₁₂FN₅O₄
Molecular Weight : 285.24
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

Fludarabine (NSC118218) is a fluorinated purine analogue and DNA synthesis inhibitor with antineoplastic activities. Fludarabine inhibits the cytokine-induced activation of **STAT1** and STAT1-dependent gene transcription in normal resting or activated lymphocytes. Fludarabine also inhibits N-acetyltransferase 10 (**NAT10**), shows anti-leukaemia effects both in vitro and in vivo.

References

- Liang YB, et al. *Mol Med Rep.* 2017 Nov;16(5):6405-6411.
Sanhes L, et al. *Leukemia.* 2003 Jun;17(6):1104-11.
Frank DA, et al. *Nat Med.* 1999;5(4):444-447.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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