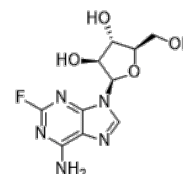


**Product Name** : Fludarabine  
**Cat. No.** : PC-22565  
**CAS No.** : 21679-14-1  
**Molecular Formula** : C<sub>10</sub>H<sub>12</sub>FN<sub>5</sub>O<sub>4</sub>  
**Molecular Weight** : 285.24  
**Target** : STAT  
**Solubility** : 10 mM in DMSO



## Biological Activity

Fludarabine (NSC118218) is a fluorinated purine analogue and DNA synthesis inhibitor with antineoplastic activities, inhibits the cytokine-induced activation of STAT1 and STAT1-dependent gene transcription in normal resting or activated lymphocytes.

## 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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