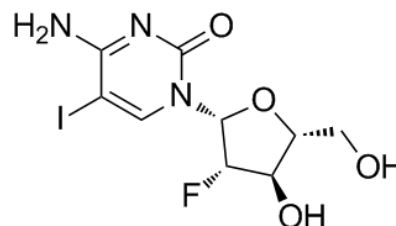


**Product Name** : Fiacitabine  
**Cat. No.** : PC-45855  
**CAS No.** : 69123-90-6  
**Molecular Formula** : C<sub>9</sub>H<sub>11</sub>FIN<sub>3</sub>O<sub>4</sub>  
**Molecular Weight** : 371.1042  
**Target** : HSV  
**Solubility** : DMSO: ≥ 37 mg/mL



### Biological Activity

Fiacitabine (NSC 382097, FIAC) is a synthesized pyrimidine analog that is a potent and selective anti-**herpesvirus** agent. Fiacitabine suppresses various strains of HSV1 and HSV2 with IC<sub>90</sub> of 2.5 nM and 12.6 nM, respectively, shows minimal cytotoxicity; more potent than arabinosylcytosine, iododeoxyuridine, and arabinosyladenine.

### References

- Lopez C, et al. Antimicrob Agents Chemother. 1980 May;17(5):803-6.  
Allaudeen HS, et al. J Biol Chem. 1982 Oct 25;257(20):11879-82.  
Schinazi RF, et al. Antimicrob Agents Chemother. 1983 Jul;24(1):95-103.

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

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