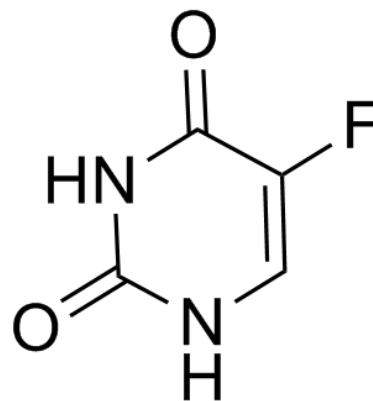


Product Name : 5-Fluorouracil
Cat. No. : PC-46012
CAS No. : 51-21-8
Molecular Formula : C₄H₃FN₂O₂
Molecular Weight : 130.0772
Target : Nucleoside Antimetabolite/Analog
Solubility : DMSO: 15 mg/mL



Biological Activity

An uridine analog that is a widely used chemotherapeutic agent; affects pyrimidine synthesis by inhibiting thymidylate synthase (TS), inhibits DNA/RNA synthesis in cancer cells.

Chemotherapeutic Agents

Approved

References

Longley DB, et al. *Nat Rev Cancer*. 2003 May;3(5):330-8.

Sugamura K, et al. *Cancer*. 1997 Jan 1;79(1):12-7.

Shchepotin IB, et al. *Anticancer Res*. 1994 May-Jun;14(3A):1027-31.

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

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