

## Fluorocytosine

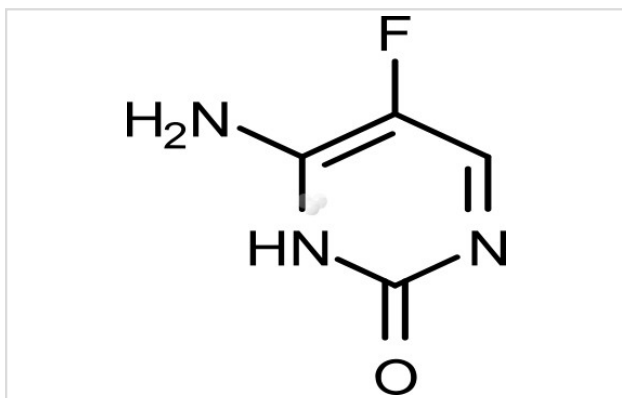
Catalog No: #S0986

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## Description

Product Name	Fluorocytosine
Brief Description	Inhibitors
Purification	98.76%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	129.09
Formulation	C4H4FN3O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Immunology  
SMILES: NC1=C(F)C=NC(=O)N1  
Pathways: DNA Damage/DNA Repair  
Receptor: DNA synthesis  
Boiling pt: 298°C  
Melting pt: 298-300°C  
Solubility: Water: 5 mg/mL (38.73 mM); DMSO: 8 mg/mL (61.97 mM)  
Appearance: White Crystal  
Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

## References

1. Osterman DG, et al. Biochemistry. 1988 Jul 12;27(14):5204-10.

Note: This product is for in vitro research use only