

Tegafur (FT-207, NSC 148958)

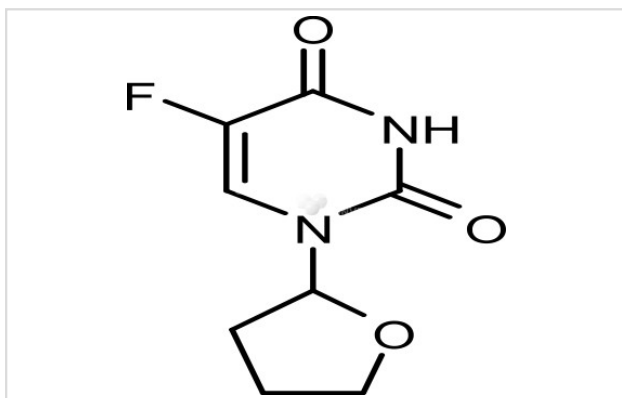
Catalog No: #S1378

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Description

Product Name	Tegafur (FT-207, NSC 148958)
Brief Description	Inhibitors
Purification	99.89%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	200.17
Formulation	C8H9FN2O3
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
SMILES: FC1=CN(C2CCCO2)C(=O)NC1=O
Pathways: DNA Damage/DNA Repair
Receptor: DNA synthesis
Boiling pt: Melting pt: Solubility: Ethanol: 7 mg/mL (34.97 mM); Water: 8 mg/mL (39.96 mM); DMSO: 40 mg/mL (199.83 mM)
Appearance: White Powder
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 months.

References

1. Sotaro Sadahiro, et al. Y Chemotherapy and Pharmacology. 2012, 70 (2): 285-291.

Note: This product is for in vitro research use only