

Fluorouracil (5-Fluoracil, 5-FU)

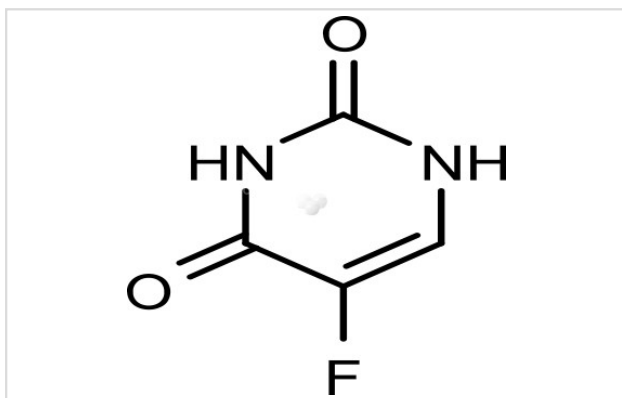
Catalog No: #S0984

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Fluorouracil (5-Fluoracil, 5-FU)
Brief Description	Inhibitors
Purification	98.00%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	130.08
Formulation	C ₄ H ₃ FN ₂ O ₂
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
SMILES: FC1=CNC(=O)NC1=O
Pathways: DNA Damage/DNA Repair
Receptor: Thymidylate synthase
Boiling pt: 190-200°C
Melting pt: 282-286°C
Solubility: DMSO: 26 mg/mL (199.87 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 month.

References

1. Longley DB, et al. Nat Rev Y, 2003, 3(5), 330-338.

Note: This product is for in vitro research use only