

Trifluridine

Catalog No: #S1428

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Description

Product Name	Trifluridine
Brief Description	Inhibitors
Purification	99.00%
Target Name	DNA/RNA Synthesis inhibitor
Calculated MW	296.2
Formulation	C10H11F3N2O5
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Immunology
 SMILES: C1[C@@H]([C@H](O[C@H]1N2C=C(C(=O)NC2=O)C(F)(F)F)CO)O
 Pathways: DNA Damage/DNA Repair
 Receptor: DNA/RNA Synthesis; Thymidylate synthase
 Boiling pt: Melting pt: 190-193°C
 Solubility: Ethanol: 59 mg/mL (199.18 mM); Water: 59 mg/mL (199.18 mM); DMSO: 59 mg/mL (199.18 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. Shintani M, et al. *Oncol Rep.* 2010 May; 23(5):1345-50.

Note: This product is for in vitro research use only