

Doxifluridine

Catalog No: #S1600

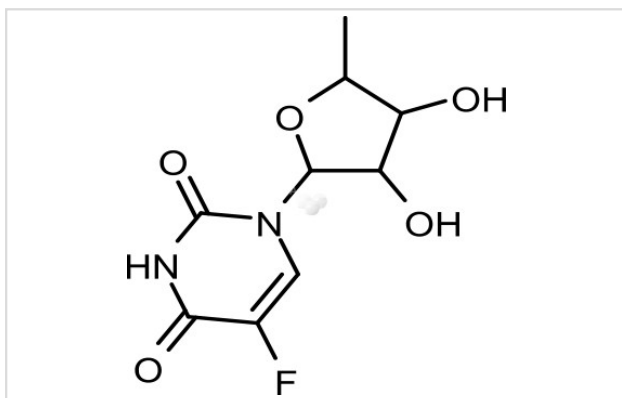
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Description

Product Name	Doxifluridine
Brief Description	Inhibitors
Purification	98.00%
Target Name	DNA/RNA Synthesis antagonist
Calculated MW	246.19
Formulation	C9H11FN2O5
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
 SMILES: C[C@@H]1[C@H]([C@H]([C@@H](O1)N2C=C(C(=O)NC2=O)F)O)O
 Pathways: DNA Damage/DNA Repair
 Receptor: Thymidine phosphorylase
 Boiling pt: Melting pt: 188-192°C
 Solubility: Water: 49 mg/mL (199.03 mM); DMSO: 49 mg/mL (199.03 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. Kang YK, et al. Br J Y. 2013 Apr 2;108(6):1245-51.

Note: This product is for in vitro research use only