antibodies

Datasheet for ABIN7384590 **2'-Deoxy-5-fluorocytidine**

Image

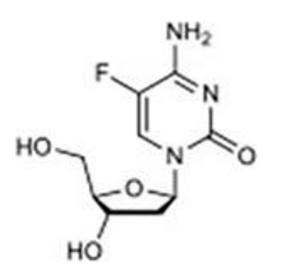


Overview	
Quantity:	5 mg
Application:	Inhibition (Inh)
Product Details	
Purpose:	Irreversible DNA methyltransferase inhibitor
Characteristics:	A DNA methyltransferase inhibitor currently in clinical trials for breast cancer and other solid tumors. Like 5'-Azacytidine and decitabine, 2'-Deoxy-5-fluorocytidine is a pyrimidine analog that integrates into chromatin to inhibit DNA methylation. It blocks proliferation in colon cancer- derived HCT116 cells by activating DNA response pathways. It inhibits various strains of pathogenic avian influenza viruses in vitro and in vivo.
Purity:	>98 %
Chemical Name:	5-fluoro-2'deoxycytidine
Formula:	C9H12FN3O4
Solubility:	Soluble in DMSO (up to 20 mg/ml).
Target Details	
Background:	FCDR, FdCyd, NSC-48006, Ro 5-1090,Epigenetics,Chromatin,DNA methyltransferase,Infectious disease,Cancer,Proliferation,DNA damage
Molecular Weight:	245.2
CAS-No:	10356-76-0

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Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Powder	
Storage:	-20 °C	

Images



Molecule

Image 1. /

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