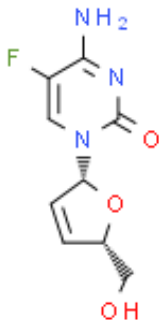


Product Data Sheet

Cas No.:	134379-77-4	Cat. No:	PL10980
Product Name:	Dexelvucitabine		
Product synonym:	5-氟-1-(2',3'-二脱氧-2',3'-二脱氢β-D-呋喃阿糖基)-胞嘧啶(Dexelvucitabine)		
Chemical name:	Dexelvucitabine		
MF:	C9H10N3O3F	FW:	227.1924
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C1N=C(N)C(F)=CN1[C@@H]2O[C@H](CO)C=C2		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Dexelvucitabine (Reverset; d-d4FC) 是一种胞苷 (HY-B0158) 类似物，一种具有口服活性的核苷逆转录酶 (nucleoside reverse transcriptase) 抑制剂。Dexelvucitabine 是一种有效的抗 HIV-1 病毒剂，这些病毒聚合酶中含有胸苷类似物和/或 M184V 突变。Dexelvucitabine 是一种 2'-脱氧胞苷抗逆转录病毒剂。

生物活性	Dexelvucitabine (Reverset; d-d4FC), a Cytidine (HY-B0158) analog, is an orally active nucleoside reverse transcriptase inhibitor. Dexelvucitabine is a powerful drug against HIV-1-resistant viruses containing a thymidine analog and/or M184V mutation in the viral polymerase. Dexelvucitabine is a 2'-Deoxycytidine antiretroviral agent.
IC50 & Target[1][2]	HIV-1
体内研究(In Vivo)	Dexelvucitabine (Reverset; d-d4FC; 33.3 mg/kg by i.v. or p.o.) has distribution and elimination half-lives (t _{1/2α} and t _{1/2β} , respectively) of 0.7 and 3.6 h in monkeys, respectively. The C _{max} ranges from 21.1 to 47.5 μM. Dexelvucitabine has a favorable pharmacokinetic profile with a long half-life (4.71 and 10.75 h after administration by the intravenous [i.v.] and oral [p.o.] routes, respectively) in woodchucks. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years

溶解度数据	In Vitro: DMSO : 50 mg/mL (220.08 mM; Need ultrasonic)配制储备液
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