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Product Datasheet

2-Deoxy-5-fluorocytidine, CAS [[10356-76-0]] FBM-10-2685

Article Name	2-Deoxy-5-fluorocytidine, CAS [[10356-76-0]]
Biozol Catalog Number	FBM-10-2685
Supplier Catalog Number	10-2685
Alternative Catalog Number	FBM-10-2685-20MG,FBM-10-2685-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Irreversible DNA methyl transferase inhibitor...
Molecular Weight	245.21
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[10356-76-0]
Formula	C ₉ H ₁₂ FN ₃ O ₄
Application Notes	A DNA methyltransferase inhibitor currently in clinical trials for breast cancer and other solid tumors ¹ . Like 5-Azacytidine and decitabine, 2-Deoxy-5-fluorocytidine is a pyrimidine analog that integrates into chromatin to inhibit DNA methylation ² . It blocks proliferation in colon cancer-derived HCT116 cells by activating DNA response pathways ³ . It inhibits various strains of pathogenic avian influenza viruses in vitro and in vivo ⁴ .