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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	C9H12FN3O4
Application Notes	A DNA methyltransferase inhibitor currently in clinical trials for breast cancer and other solid tumors <sup>1</sup> . Like 5-Azacytidine and decitabine, 2-Deoxy-5-fluorocytidine is a pyrimidine analog that integrates into chromatin to inhibit DNA methylation <sup>2</sup> . It blocks proliferation in colon cancer-derived HCT116 cells by activating DNA response pathways <sup>3</sup> . It inhibits various strains of pathogenic avian influenza viruses in vitro and in vivo <sup>4</sup> .