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Product Datasheet

Cytarabine, CAS [[147-94-4]] FBM-10-1268

Artikelname	Cytarabine, CAS [[147-94-4]]
Artikelnummer	FBM-10-1268
Hersteller Artikelnummer	10-1268
Alternativnummer	FBM-10-1268-500MG,FBM-10-1268-2G
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	DNA synthesis and transcription disruptor...
Molekulargewicht	243.22
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White or off-white solid
CAS Nummer	[147-94-4]
Formel	C ₉ H ₁₃ N ₃ O ₅
Anwendungsbeschreibung	A nucleoside analog that interferes with DNA synthesis and transcription, particularly in tumor cells. ^{1,2} It Cellular enzymes convert it to its nucleotide form, Ara-CTP, which disrupts DNA and RNA synthesis when polymerases attempt to incorporate it. ^{3,4} For the same reasons, it is also employed as an antiviral. ⁵ It inhibits proliferation of a variety of leukemic cell lines (IC ₅₀ s 16-72 nM), but is used primarily against acute myeloid leukemia (AML). ^{6,7}