

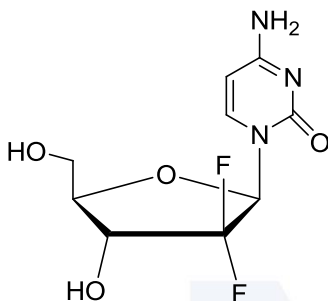


Northeast Business Center

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Certificate of Analysis



Product Name:	Gemcitabine
Synonym	Gemzar
CAS No:	95058-81-4
Prod. No:	CT-GEMF
Lot No:	01
Batch Empirical Formula Batch Empirical Wt.	C ₉ H ₁₁ F ₂ N ₃ O ₄ 263.2
Solubility	Soluble in: DMSO (26.3mg/ml, 100mM) at 25 °C 0.05N HCl (13.2mg/ml, 50mM) at 25 °C
Storage	Store at 0-4 °C (short term), - 20 °C (long term), desiccated

Appearance	White crystalline powder
Quality Control	¹ HNMR: [✓] HPLC: [✓] Quantitative Elemental Analysis: [✓] C ₉ H ₁₁ F ₂ N ₃ O ₄ Calculated: C: 41.07%; H: 4.21%; N: 15.97% Found: C: 40.92%; H: 4.25%; N: 15.90%
Chemical Purity	>99.8% (HPLC at 214 and 254 nm)