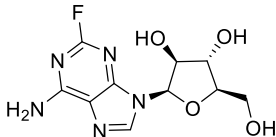




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
540138	Fludarabine	A23M06B09

Chemical name	
(2R,3S,4S,5R)-2-(6-amino-2-fluoro-9H-purin-9-yl)-5-(hydroxymethyl)tetrahydrofuran-3,4-diol	
Synonyms	
Fludarabine; HSDB 6964; HSDB6964; HSDB-6964; NSC 118218; NSC118218; NSC-118218	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 540138 Name: Fludarabine CAS#: 21679-14-1 Lot#: A23M06B09 Chemical Formula: C ₁₀ H ₁₂ FN ₅ O ₄ Exact Mass: 285.0873 Molecular Weight: 285.23

Analysis item	Specifications / Results
Appearance	White to off white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 3 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE