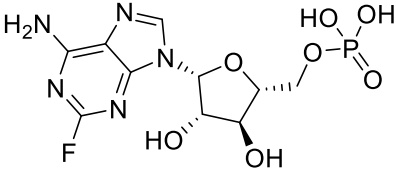




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100370	Fludarabine phosphate	YYP30816

Chemical name	
((2R,3S,4S,5R)-5-(6-amino-2-fluoro-9H-purin-9-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl dihydrogen phosphate	
Synonyms	
Fludara; Beneflur. 2FaraAMP.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100370 Name: Fludarabine phosphate CAS#: 75607-67-9 (phosphate) Lot#: YYP30816 Chemical Formula: C ₁₀ H ₁₃ FN ₅ O ₇ P Exact Mass: 365.05366 Molecular Weight: 365.21

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)	>99.0%
Solubility	Soluble in DMSO, poorly soluble in water.
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 5 years if properly stored.

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