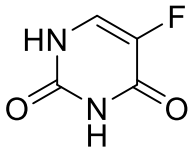




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
106613	Fluorouracil	C9R03B19

Chemical name	
5-fluoropyrimidine-2,4(1H,3H)-dione	
Synonyms	
5-FU; Fluorouracil; 5-Fluorouracil; Trade name: Adrucil and many others	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 106613 Name: Fluorouracil CAS#: 51-21-8 Lot#: C9R03B19 Chemical Formula: C ₄ H ₃ FN ₂ O ₂ Exact Mass: 130.0179 Molecular Weight: 130.08

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
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