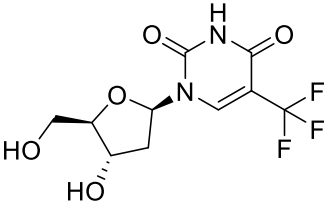




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
206038	Trifluridine	A7T12K13

Chemical name	
1-((2R,4S,5R)-4-hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-5-(trifluoromethyl)pyrimidine-2,4(1H,3H)-dione	
Synonyms	
Trifluridine; FTD; 5-Trifluorothymidine; NSC 529182; NSC 75520; Trifluorothymidine; Viroptic, 2'-Deoxy-5-trifluoromethyluridine, Trifluorothymine deoxyriboside. α,α,α -Trifluorothymidine	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 206038 Name: Trifluridine CAS#: 70-00-8. Lot#: A7T12K13 Chemical Formula: C ₁₀ H ₁₁ F ₃ N ₂ O ₅ Exact Mass: 296.06201 Molecular Weight: 296.20

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
Self life	At least 5 years if properly stored.

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