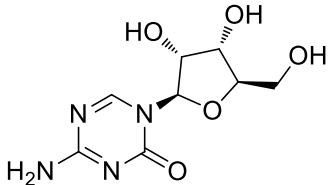




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
100070	Azacitidine	YYP30917

Chemical name	
4-amino-1-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-1,3,5-triazin-2(1H)-one	
Synonyms	
U18496; U-18496; U 18496; Abbreviations: 5AC; 5AZC. 5-azacytidine; azacytidine; ladakamycin. US brand names: Mylosar; Vidaza.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 100070 Name: Azacitidine CAS#: 320-67-2 Lot#YYP20130917 Chemical Formula: C <sub>8</sub> H <sub>12</sub> N <sub>4</sub> O <sub>5</sub> Exact Mass: 244.08077 Molecular Weight: 244.2

Analysis item	Specifications / results
Appearance	White solid powder
Structure	<sup>1</sup> 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%
Solubility	Soluble to 50 mM in water and to 100 mM 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 enough 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**