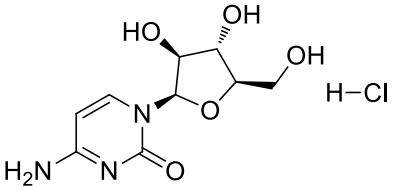




## Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
100200	Cytarabine hydrochloride	EOS31014

Chemical name	
4-amino-1-((2R,3S,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)pyrimidin-2(1H)-one hydrochloride	
Synonyms	
MK-8242; MK 8242; MK8242; SCH-900242; SCH900242; SCH 900242; aracytidine; cytarabine hydrochloride.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Code#: 100200 Name: Cytarabine hydrochloride CAS#: 69-74-9 Lot#EOS31014 Chemical Formula: C <sub>9</sub> H <sub>14</sub> ClN <sub>3</sub> O <sub>5</sub> Molecular Weight: 279.68 <i>Cytarabine(free base)</i> Chemical Formula: C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub> Exact Mass: 243.08552; Molecular Weight: 243.22

Analysis item	Specifications / Results
Appearance	Yellow 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)	>99.0%
Solubility	Soluble in water and 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**