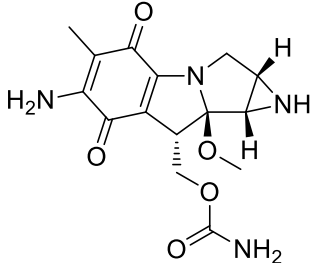


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
100630	Mitomycin C	EOS50316

Chemical name	
((1aS,8S,8aR,8bS)-6-amino-8a-methoxy-5-methyl-4,7-dioxo-1,1a,2,4,7,8,8a,8b-octahydroazirino[2',3':3,4]pyrrolo[1,2-a]indol-8-yl)methyl carbamate	
Synonyms	
Synonym: mitomycine C; mitomycin-X. US brand names: Mitozytrex; Mutamycin. Foreign brand names: Ametycine; Mitocin-C; Mitolem; Mito-Medac; Mutamycine. Abbreviations: MITC; MITO; MITO-C; MTC. Code name: NCI-C04706	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100630 Name: Mitomycin C CAS#: 50-07-7 Lot#EOS50316 Chemical Formula: C ₁₅ H ₁₈ N ₄ O ₅ Exact Mass: 334.12772 Molecular Weight: 334.33

Analysis item	Specification/ Results
Appearance	Black solid powder
Structure	¹ H-NMR and MS spectrum of the sample correspond to the data reported in the literature
Purity (HPLC)	> 99%
Solubility	Slightly soluble in water (to 5 mM); soluble in DMSO (to 100 mM); slightly soluble in ethanol (to 5 mM)
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