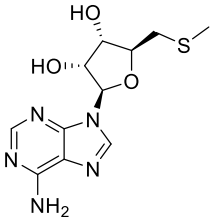




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
406435	Methylthioadenosine	A23M04B04

Chemical name	
(2R,3R,4S,5S)-2-(6-amino-9H-purin-9-yl)-5-((methylthio)methyl)tetrahydrofuran-3,4-diol	
Synonyms	
Methylthioadenosine; MTA; 5Deoxy5(methylthio)adenosine	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 406435 Name: Methylthioadenosine CAS#: 2457-80-9 Lot#: A23M04B04 Chemical Formula: C ₁₁ H ₁₅ N ₅ O ₃ S Exact Mass: 297.08956 Molecular Weight: 297.33

Analysis item	Specifications / Results
Appearance	Light yellow 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)	>97.0%
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 3 years if properly stored.

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