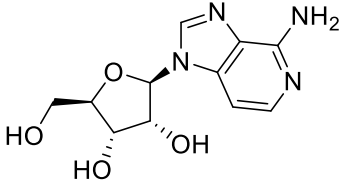




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
581636	3-Deazaadenosine	C20M05C18

Chemical name	
1H-Imidazo(4,5-c)pyridin-4-amine, 1-beta-D-ribofuranosyl- (9CI)	
Synonyms	
3-Deazaadenosine; Deaza-Ado; Adenosine, 3-deaza-; 3dAdo.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 581636 Name: 3-Deazaadenosine CAS#: 6736-58-9 Lot#: C20M05C18 Chemical Formula: C ₁₁ H ₁₄ N ₄ O ₄ Exact Mass: 266.1015 Molecular Weight: 266.26

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)	>98.0%
Solubility	~10 mg/ml in PBS (pH 7.2); ~20 mg/ml in DMSO; ~5 mg/ml in DMF.
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 5 years if properly stored.

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