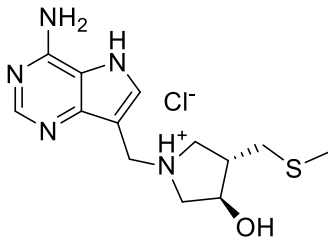




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
407244	MTDIA HCl	SSC70321

Chemical name	
(3R,4S)-1-((4-amino-5H-pyrrolo[3,2-d]pyrimidin-7-yl)methyl)-3-hydroxy-4-((methylthio)methyl)pyrrolidin-1-ium chloride	
Synonyms	
MTDIA; MTDIA HCl; Methylthio-DADMe-Immucillin A; MT-DADMe-ImmA; MT-DADMe-ImmA HCl	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 407244 Name: MTDIA HCl CAS#: 1399840-35-7 (HCl salt) Lot#SSC70321 Chemical Formula: C ₁₃ H ₂₀ ClN ₅ OS Exact Mass: 293.131 Molecular Weight: 329.85

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	Soluble in DMSO and water
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