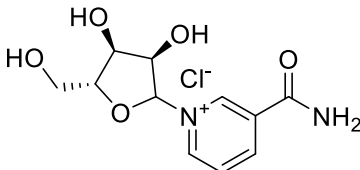


# Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329479	Nicotinamide Riboside Chloride	A21T07K09

Chemical name	
3-carbamoyl-1-((3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)pyridin-1-ium chloride	
Synonyms	
Nicotinamide riboside; SRT647; SRT-647; SRT 647; Nicotinamide Riboside Triflate, $\alpha/\beta$ mixture	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 329479 Name: Nicotinamide Riboside Chloride CAS#: 23111-00-4 (chloride) Lot# A21T07K09 Chemical Formula: $C_{11}H_{15}ClN_2O_5$ Molecular Weight: 290.7

Analysis item	Specifications / Results
Appearance	White to light yellow solid powder
Structure	$^1\text{H}$ -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 $\text{H}_2\text{O}$
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**