



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-478242
Lot Number: SAMPLE
Product Name: Nicotinic Acid Riboside Methyl Ester Triflate
CAS Number: 1005197-82-9 (non-salt)
Molecular Formula: $C_{12}H_{16}NO_6 \cdot CF_3SO_3$
Molecular Weight: 419.33
Native Source: Synthetic

Test	Specification	Result
Appearance		Colorless gel
Identification (1H -NMR)		Consistent with structure
Identification (^{19}F -NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (TLC)		> 90%
Atmosphere		Inert gas
Solubility		DMSO (Slightly), Water (Very Slightly)
Specific Rotation		-25.8° (c = 0.1, Water)
Carbon Content	37.24%	36.45%
Hydrogen Content	3.85%	3.64%
Nitrogen Content	3.34%	2.92%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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