



Certificate of Analysis

Research Use Only - Not For Human Use

IDENTITY

Product: 5-Amino-1-MQ 5mg
CAS No: 42464-96-0
PubChem CID: 950107
Chemical Name: 5-amino-1-methylquinolinium
MG: 5mg

Physical and Chemical Properties

Molecular Formula	C ₁₀ H ₁₁ N ₂ (iodide salt)
Molecular Weight	286.11 g/mol
Chemical Structure	Small molecule (N/A peptide sequence)

STORAGE

- Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month
- In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week

Analytical Data

Attribute	Specification	Result
Appearance	White to off-white lyophilized solid powder	Conforms
Purity (HPLC)	≥ 99%	99.3%
Identity (MS)	Observed m/z consistent with expected	Conforms
Residual Solvents	Meets ICH limits	Conforms
Water Content	≤ 6%	Conforms

Conclusion: The product has been tested and complies with the given specifications. The product is intended for research purposes only and not for human consumption.