

Rexar Technical Compound Datasheet

Product Name: 5-Amino-1MQ

Chemical Name: 5-Amino-1-methylquinolinium

CAS Number: 42464-96-0

PubChem CID: 3081362

Synonyms:

- 5-Amino-1-methylquinolinium
 - 5-Amino-1-methylquinolinium chloride*
 - 5-Amino-1MQ
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Chemical Information

Molecular Formula C₁₀H₁₁N₃O

Molecular Weight 189.21 g/mol

IUPAC Name 5-amino-1-methylquinolinium

SMILES CN1C=CC2=CC(=CC=C2[N+])1N

InChIKey (verify before final PDF – depends on salt form)

Appearance Yellow to orange crystalline powder

Solubility Soluble in DMSO; soluble in methanol; limited solubility in water

Applications

- Analytical reference standard for quinolinium-based compound libraries
 - Utilized in chromatographic and spectrometric method development
 - Employed in physicochemical property testing and degradation profiling
 - Suitable for structural verification and laboratory comparison workflows*
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Storage & Handling

Storage Temperature Store at 2–8 °C; protect from light and moisture

Handling Use personal protective equipment; avoid inhalation

Packaging Delivered in tamper-evident, sealed lab-grade containers

Additional Notes

- Not for human or veterinary use
- Distributed for laboratory, assay development, and analytical study
- For complete technical data, refer to PubChem CID 3081362