Certificate of Analysis

Quinoline-2-carboxylic acid

Cat. No.: HY-W002011
CAS No.: 93-10-7
Batch No.: 411188

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_7NO_2$ Molecular Weight: 173.17

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

 Purity (HPLC):
 99.94%

 Water(KF):
 0.11%

 Residue on Ignition:
 0.05%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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