Certificate of Analysis

5-Quinolinecarboxylic acid

Cat. No.: HY-W004029
CAS No.: 7250-53-5
Batch No.: 53235

Chemical Name: 5-Quinolinecarboxylic acid

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: Off-white to gray (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

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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