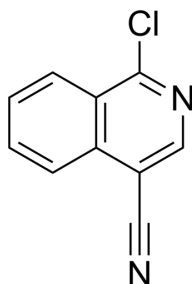


Certificate of Analysis

Product Name: 1-Chloroisoquinoline-4-carbonitrile
Cat. No.: CS-0019217
CAS No.: 53491-80-8
Batch No.: 137531
Chemical Name: 4-Isoquinolinecarbonitrile, 1-chloro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₅ClN₂
Molecular Weight: 188.61
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 96.97%
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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