

Certificate of Analysis

Product Name: Serotonin (hydrochloride)
Cat. No.: CS-0013171
CAS No.: 153-98-0
Batch No.: 149318
Chemical Name: 1H-Indol-5-ol, 3-(2-aminoethyl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₁₃ClN₂O
Molecular Weight: 212.68
Storage: 2-8°C, sealed storage, away from moisture and light
Chemical Structure:



ANALYTICAL DATA

Appearance: Off-white to gray (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 98.81%
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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