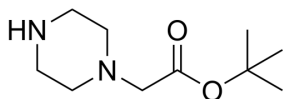


Certificate of Analysis

Product Name: tert-Butyl 2-(piperazin-1-yl)acetate
Cat. No.: CS-0154829
CAS No.: 112257-22-4
Batch No.: L404971

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₂₀N₂O₂
Molecular Weight: 200.28
Storage: 2-8°C, protect from light, stored under nitrogen
Chemical Structure:



ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (GC): 98.82%
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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