Certificate of Analysis

(R)-1-Boc-3-methyl-piperazine

Cat. No.: HY-40041 CAS No.: 163765-44-4 Batch No.: 153365

Chemical Name: 1-Piperazinecarboxylic acid, 3-methyl-, 1,1-dimethylethyl ester, (3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{20}N_2O_2$ Molecular Weight: 200.28

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Colorless to off-white (<40°C Solid,>45°C Liquid) Appearance:

¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.61%

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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