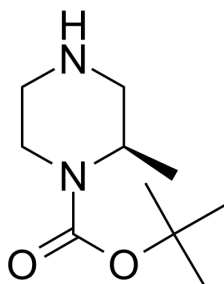


Certificate of Analysis

Product Name: (R)-1-Boc-2-methyl-piperazine
Cat. No.: CS-B0412
CAS No.: 170033-47-3
Batch No.: Le1227115630
Chemical Name: 1-Piperazinecarboxylic acid, 2-methyl-, 1,1-dimethylethyl ester, (2R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₂₀N₂O₂
Molecular Weight: 200.28
Storage: RT, protect from light
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (GC): 98.91%
Water(KF): 0.09%
OR(C=0.56650 CHCL₃): -68.0°
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.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA