

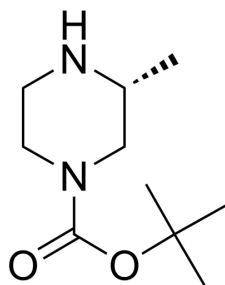
(R)-1-Boc-3-methyl-piperazine

Cat. No.: HY-40041
CAS No.: 163765-44-4
Batch No.: 416959
Chemical Name: 1-Piperazinecarboxylic acid, 3-methyl-, 1,1-dimethylethyl ester, (3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₀H₂₀N₂O₂
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

Appearance: Colorless to off-white (<40°C Solid, >45°C Liquid)
¹H NMR Spectrum: Consistent with structure
Purity (GC): 99.86%
Optical Rotation[a]: 19.4104°(C=1.0041 g/100ml CHCL₃)
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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