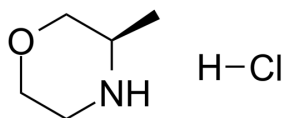


Certificate of Analysis

Product Name: (R)-3-Methylmorpholine hydrochloride
Cat. No.: CS-W020732
CAS No.: 953780-78-4
Batch No.: Lf0121119808
Chemical Name: Morpholine, 3-methyl-, hydrochloride (1:1), (3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₁₂ClNO
Molecular Weight: 137.61
Storage: Store at room temperature, keep dry and cool
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥97.0%
OR[α](C=1.01 g/100ml HCL): 3.3°
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