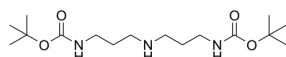


Certificate of Analysis

Product Name: 1,9-Bis-boc-1,5,9-triazanonane
Cat. No.: CS-0138288
CAS No.: 82409-02-7
Batch No.: 810274
Chemical Name: 12-Oxa-2,6,10-triazatetradecanoic acid, 13,13-dimethyl-11-oxo-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₆H₃₃N₃O₄
Molecular Weight: 331.45
Storage: 2-8°C, protect from light
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (NMR): ≥97.0%
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.

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