



Certificate of Analysis

Product Name: N-Boc-PEG4-bromide

Cat. No.: CS-0068003 **CAS No.:** 1076199-21-7

Batch No.: 93641

Chemical Name: 5,8,11-Trioxa-2-azatridecanoic acid, 13-bromo-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight: 356.25

Storage: Storage temp. 2-8°C

Chemical Structure:

 $\mathsf{Br} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O} \overset{\mathsf{O}}{\longleftarrow} \mathsf{N} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O} \overset{\mathsf{O}$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹**H NMR Spectrum:** 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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