

## **Certificate of Analysis**

Product Name: N-Boc-PEG4-bromide

 Cat. No.:
 CS-0068003

 CAS No.:
 1076199-21-7

 Batch No.:
 Le012439590

**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)

<sup>1</sup>**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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