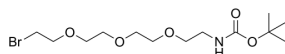


## Certificate of Analysis

**Product Name:** N-Boc-PEG4-bromide  
**Cat. No.:** CS-0068003  
**CAS No.:** 1076199-21-7  
**Batch No.:** 103297  
**Chemical Name:** 5,8,11-Trioxa-2-azatridecanoic acid, 13-bromo-, 1,1-dimethylethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>13</sub>H<sub>26</sub>BrNO<sub>5</sub>  
**Molecular Weight:** 356.25  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Colorless to light yellow (Liquid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**MS:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**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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