## **Certificate of Analysis**

## Boc-NH-C4-Br

Cat. No.: HY-W007803

CAS No.: 164365-88-2

Batch No.: 85519

Chemical Name: Carbamic acid, N-(4-bromobutyl)-, 1,1-dimethylethyl ester

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_9H_{18}BrNO_2$ Molecular Weight: 252.15

Storage: Pure form -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$\mathsf{Br} \underbrace{\hspace{1cm} \overset{\mathsf{O}}{\underset{\mathsf{H}}{\bigvee}}}_{\mathsf{N}} \mathsf{O} \underbrace{\hspace{1cm} \overset{\mathsf{O}}{\underset{\mathsf{H}}{\bigvee}}}_{\mathsf{O}}$$

## **ANALYTICAL DATA**

**Appearance:** White to off-white (<30°C Solid,>32°C Liquid)

<sup>1</sup> H NMR Spectrum: 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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