Certificate of Analysis

NH2-PEG5-C2-NH-Boc

Cat. No.: HY-W022240
CAS No.: 189209-27-6
Batch No.: 262210

Chemical Name: 5,8,11,14,17-Pentaoxa-2-azanonadecanoic acid, 19-amino-, 1,1-dimethylethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{36}N_2O_7$ Molecular Weight: 380.48

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

 $\mathsf{H}_2\mathsf{N} \overset{\circ}{\smile} \mathsf{O} \overset{\smile}{\smile} \mathsf{O} \overset{\circ}{\smile} \mathsf{O} \overset{\circ}{\smile} \mathsf{O} \overset{\smile}{\smile} \mathsf{O} \overset{\smile}{\smile} \mathsf{O} \overset{\smile}{$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥95.0%

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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