Certificate of Analysis

mPEG-amine (MW 2000)

Cat. No.: HY-140676
CAS No.: 80506-64-5
Batch No.: 409022

Chemical Name: Poly(oxy-1,2-ethanediyl), α -(2-aminoethyl)- ω -methoxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $(C_2H_4O)_nC_3H_9NO$ Molecular Weight: 2000(Average)

Storage: 4°C, sealed storage, away from moisture and light

 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

$$O$$
 O $NH2$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ 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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