Certificate of Analysis

mPEG-amine (MW 20000)

Cat. No.: HY-140679
CAS No.: 80506-64-5
Batch No.: 230281

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: 20000(Average)

Storage: -20°C, protect from light, stored under nitrogen

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

Chemical Structure:

$$O\left(O \right)_{n}^{O} NH_{2}$$

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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA