Certificate of Analysis

HS-PEG3-CH2CH2NH2 (hydrochloride)

Cat. No.: HY-130871A **Batch No.:** 332670

Chemical Name: Ethanethiol, 2-[2-[2-(2-aminoethoxy)ethoxy]ethoxy]- (hydrochloride)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₈H₂₀ClNO₃S

Molecular Weight: 245.77

Storage: 4°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:

HS O O O NH_2

H-CI

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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