Certificate of Analysis

Bromo-PEG3-bromide

Cat. No.: HY-141373
CAS No.: 31255-26-2
Batch No.: 123600

Chemical Name: Ethane, 1,1'-oxybis[2-(2-bromoethoxy)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_{16}Br_2O_3$ Molecular Weight: 320.02

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

 $Br \sim 0 \sim 0 \sim Br$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (GC): 98.10%

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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