Certificate of Analysis

Bromo-PEG5-azide

Cat. No.: HY-140822
CAS No.: 1402411-90-8
Batch No.: 154593

Chemical Name: 3,6,9,12,15-Pentaoxaheptadecane, 1-azido-17-bromo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{24}BrN_3O_5$

Molecular Weight: 370.24

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:

 $\mathsf{Br} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O} \overset{\mathsf{O}}{\longleftarrow} \mathsf{O} \overset{\mathsf{O}}{\longleftarrow} \mathsf{N^{\mathsf{S}}} \mathsf{N^{\mathsf{S}}}^{\mathsf{N}^{\mathsf{S}}}$

ANALYTICAL DATA

Appearance: Colorless to light yellow (Liquid)

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