



**Screening Libraries** 

**Proteins** 

# **Certificate of Analysis**

# PLGA-PEG-NH2

Cat. No.: HY-145396 Batch No.: 155684

**Chemical Name:** PLGA-PEG-NH2 (Amine terminated Poly Lactide-co-glycolide co-polymer) (PLGA (50:50) Mol wt=

12,000 kDa; PEG Mol wt= 2000 kDa)

### PHYSICAL AND CHEMICAL PROPERTIES

Storage: -20°C, stored under nitrogen

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

**Chemical Structure:** 

$$HO \left( \begin{array}{c} O \\ \\ \end{array} \right) \left( \begin{array}{c} M \\ \\ Y \end{array} \right) \left( \begin{array}{c} M \\ \\ \end{array} \right) \left( \begin{array}{c$$

## **ANALYTICAL DATA**

Appearance: Off-white to light yellow (Solid)

<sup>1</sup>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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