



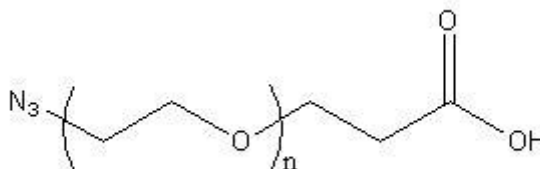
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## Certificate of Analysis

### General properties:

Produ Name: N3-PEG-COOH  
Molecular Weight: PEG:750/1000/2000/3400/5000 Dalton  
Catalog Number: R-2008  
Lot Number: WM540267

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	White/Off-white solid or viscous liquid	White/Off-white solid or viscous liquid
<sup>1</sup> H NMR	Identical to the Structure	Identical to the Structure
Substitutin N3 of by NMR	>90%	>90%
Substitutin COOH of by NMR	>90%	>90%

Date of Analysis: 2017.09.16

Recommended Retest date: 2018.10.15

Recommended Storage: -20°C in the dark

Stability: 12 months

**This product is for research use only, Not for human or animal use**