

## Certificate of Analysis

### General properties:

Produ Name: Alkyne-PEG-Alkyne  
Molecular Weight: PEG:750/1000/2000/3400/5000 Dalton  
Catalog Number: R-3101  
Lot Number: YA334250

### Product Structure:



### Product Specifications:

| Items                         | Specification                  | Results                        |
|-------------------------------|--------------------------------|--------------------------------|
| Appearance                    | Solid powder or viscous liquid | Solid powder or viscous liquid |
| <sup>1</sup> H NMR            | Identical to the Structure     | Identical to the Structure     |
| Substitution of Alkyne by NMR | >95%                           | >95%                           |

Date of Analysis: 2017.10.16

Recommended Retest date: 2019.10.15

Recommended Storage: -20°C in the dark

Stability: 24 months

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