



Ruixibio

Xi'an Ruixi Biological Technology Co.,Ltd

Xi'an city, Shaanxi Province, China

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## Certificate of Analysis

### General properties:

Product Name: CY5.5-PEG-PLA PLA: PLLA/PDLLA

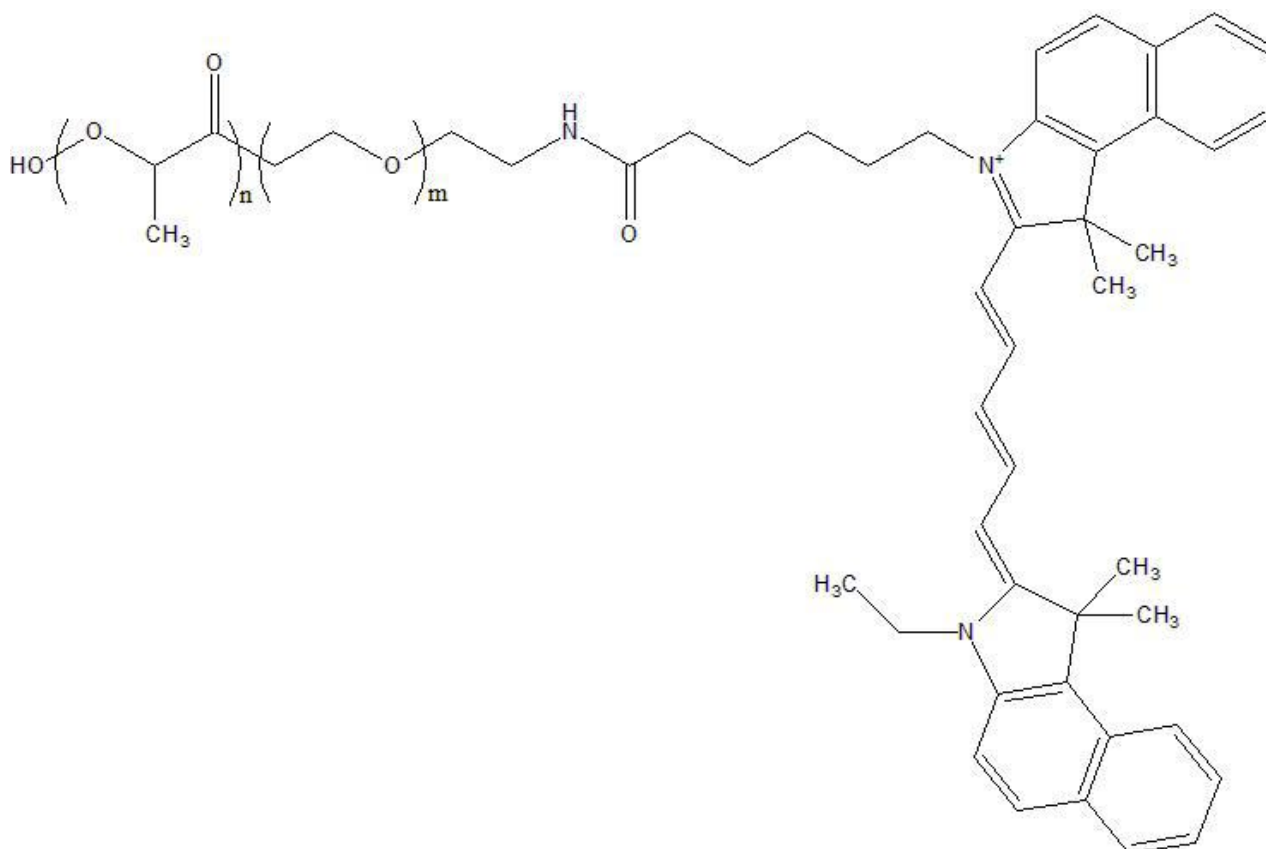
Molecular Weight: PEG MW:1000/2000/3400/5000/10000/20000 Dalton

PLA MW:1000/2000/3000/5000/8000/10000/15000/20000 Dalton

Catalog Number: R-PL2063

Lot Number: RD017224

### Product Structure:





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**Product Specifications:**

| Items                        | Specification                     | Results                           |
|------------------------------|-----------------------------------|-----------------------------------|
| Appearance                   | Dark blue solid or viscous liquid | Dark blue solid or viscous liquid |
| <sup>1</sup> H NMR           | Identical to the structure        | Identical to the structure        |
| PDI                          | <1.6                              | <1.6                              |
| Substitution of CY5.5 by NMR | >90%                              | >90%                              |
| Ex/Em                        | 680nm-710nm                       | 680nm-710nm                       |

Date of Analysis: 2017.12.26

Recommended Retest date: 2018.12.25

Recommended Storage: -20°C in the dark

Stability: 1 year

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