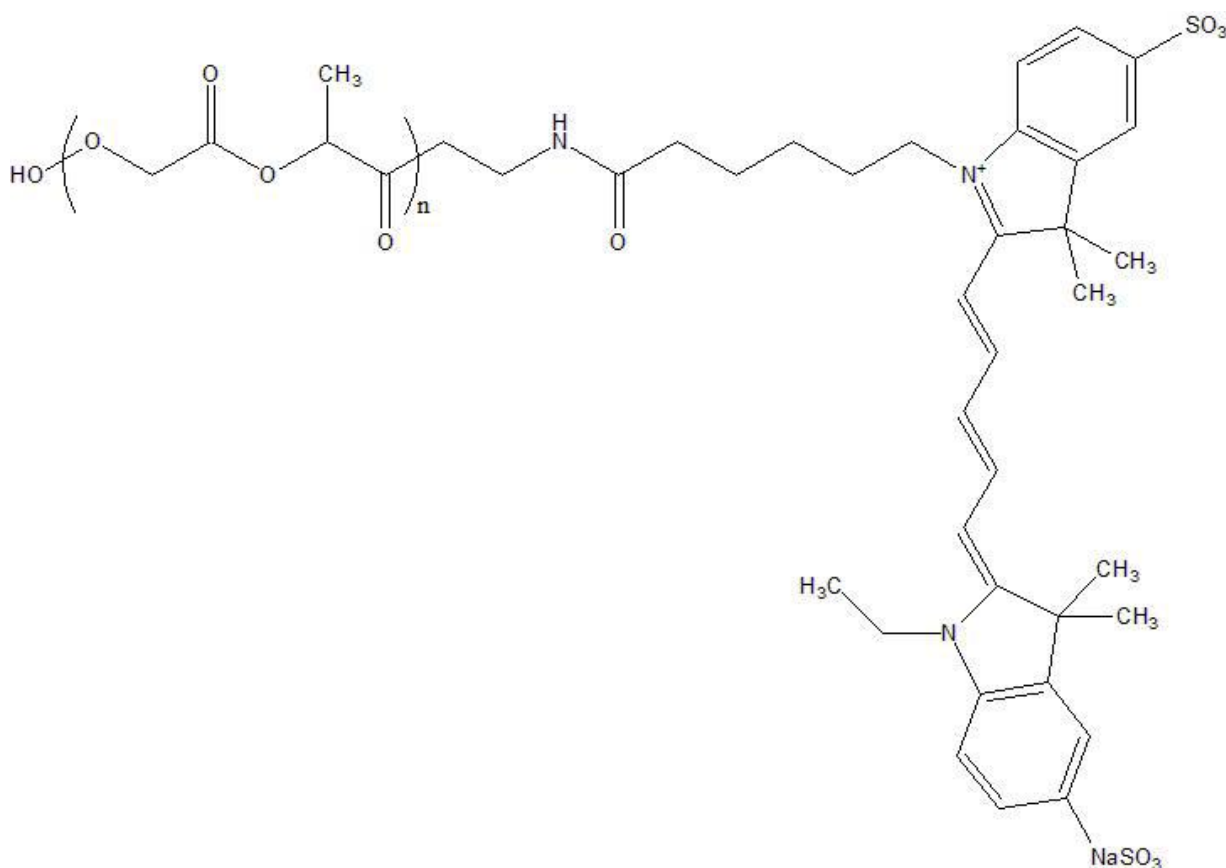


## Certificate of Analysis

### General properties:

Product Name: CY5-PLGA PLGA LA/GA: 50:50, 75:25  
Molecular Weight: PLGA MW:1000/2000/3000/5000/8000/10000/15000/20000 Dalton  
Catalog Number: R-PL2030  
Lot Number: RO0176348

### 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 by NMR	>90%	>90%
Ex/Em	650nm-670nm	650nm-670nm

Date of Analysis: 2017.10.11

Recommended Retest date: 2018.10.10

Recommended Storage: -20°C in the dark

Stability: 1 year

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