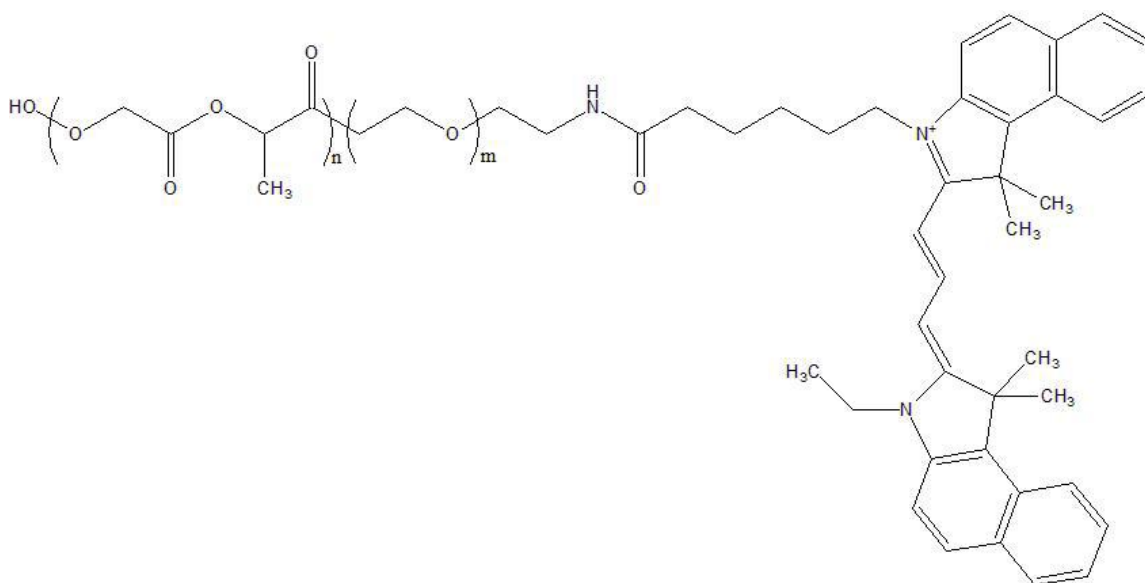


Certificate of Analysis

General properties:

Product Name: CY3.5-PEG-PLGA PLGA LA/GA: 50:50, 75:25
 Molecular Weight: PEG MW:1000/2000/3400/5000/10000/20000 Dalton
 PLGA MW:1000/2000/3000/5000/8000/10000/15000/20000 Dalton
 Catalog Number: R-PL2061
 Lot Number: RD017215

Product Structure:



Product Specifications:

Items	Specification	Results
Appearance	Dark red solid or viscous liquid	Dark red solid or viscous liquid
¹ H NMR	Identical to the structure	Identical to the structure
PDI	<1.6	<1.6
Substitution of CY3.5 by NMR	>90%	>90%
Ex/Em	590nm-610nm	590nm-610nm



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Date of Analysis: 2017.12.22

Recommended Retest date: 2018.12.21

Recommended Storage: -20°C in the dark

Stability: 1 year

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