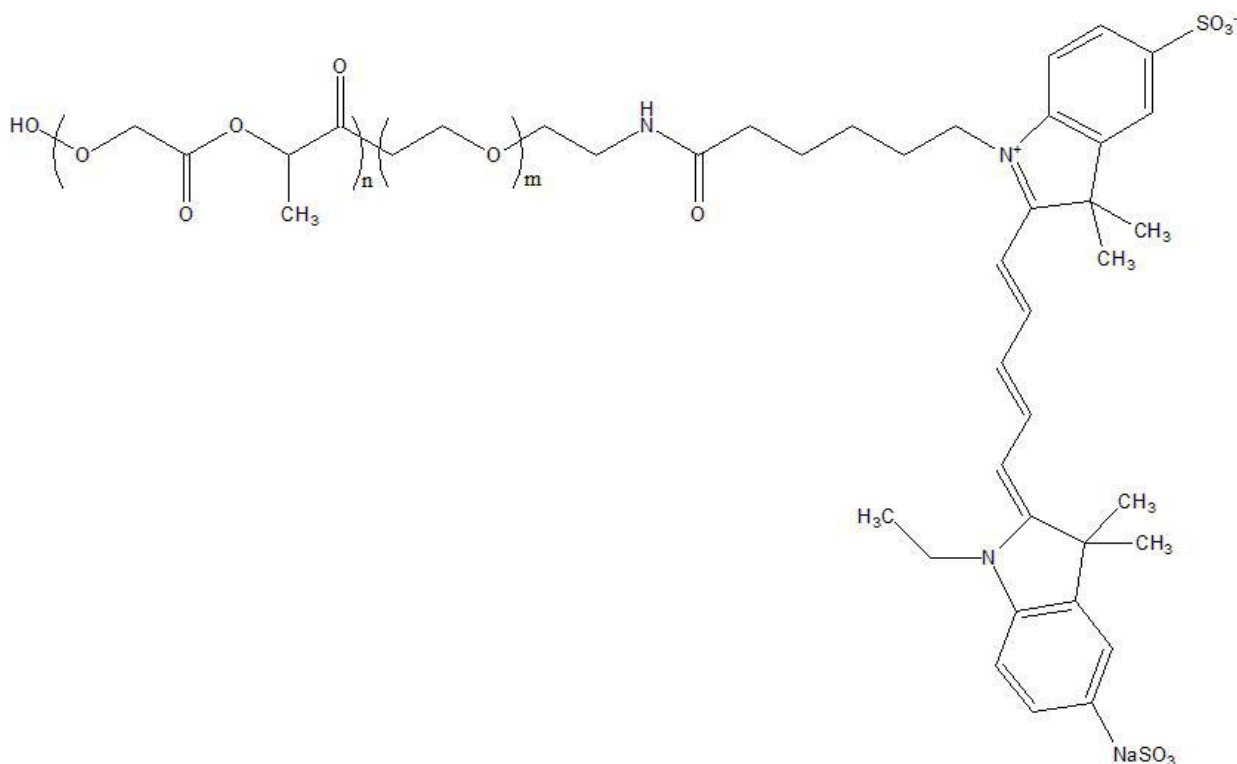


Certificate of Analysis

General properties:

Product Name: CY5-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-PL2039
 Lot Number: RO0176351

Product Structure:





Xi'an Ruixi Biological Technology Co.,Ltd
Xi'an city, Shaanxi Province, China
Web: <http://www.ruixibiotech.com>
Tel: 0086 29 86354885
E-mail: Sales@ruixibiotech.com

Product Specifications:

Items	Specification	Results
Appearance	Dark blue solid or viscous liquid	Dark blue solid or viscous liquid
¹ 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