

Certificate of Analysis

General properties:

Product Name: SH-PLGA-PEG-Cy5.5 PLGA LA/GA: 50:50, 75:25

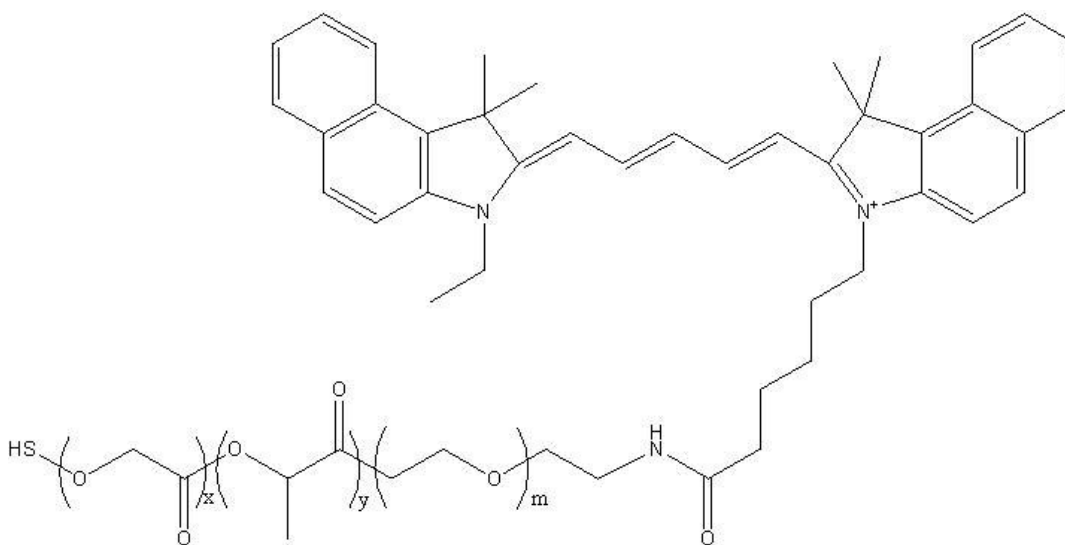
Molecular Weight: PEG MW:550/750/1000/2000/3400/5000/10000 Dalton

PLGA MW:1000/2000/5000/7000/10000/15000/20000/25000/30000/35000/40000 Dalton

Catalog Number: R-PL1903

Lot Number: RN018285

Product Structure:



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	<1.3	<1.3
Substitution of SH by NMR	>90%	>90%
Substitution of Cy5.5 by NMR	>90%	>90%
Ex/Em	680nm-710nm	680nm-710nm



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Date of Analysis: 2018.11.28

Recommended Retest date: 2019.11.27

Recommended Storage: -20°C, protected from light and moisture

Stability: 1 year

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