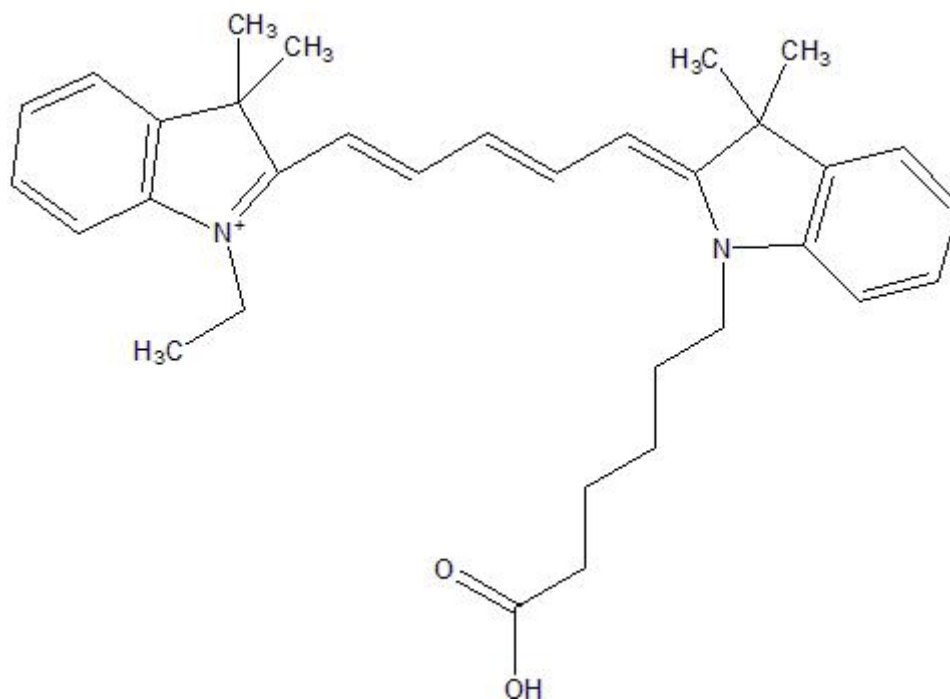


## Certificate of Analysis

### General properties:

Product Name: Cyanine5 Carboxylic acid  
Molecular Weight: 497.8 Dalton  
Catalog Number: R-H-3018  
Lot Number: RA0179210

### Product Structure:



### Product Specifications:

Items	Specification	Results
Appearance	Dark blue powder	Dark blue powder
<sup>1</sup> H NMR	Identical to the structure	Identical to the structure
Purity by HPLC	>95%	>95%
Ex/Em	646nm-662nm	646nm-662nm



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Date of Analysis: 2017.08.23

Recommended Retest date: 2018.08.23

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

Stability: 1 years

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