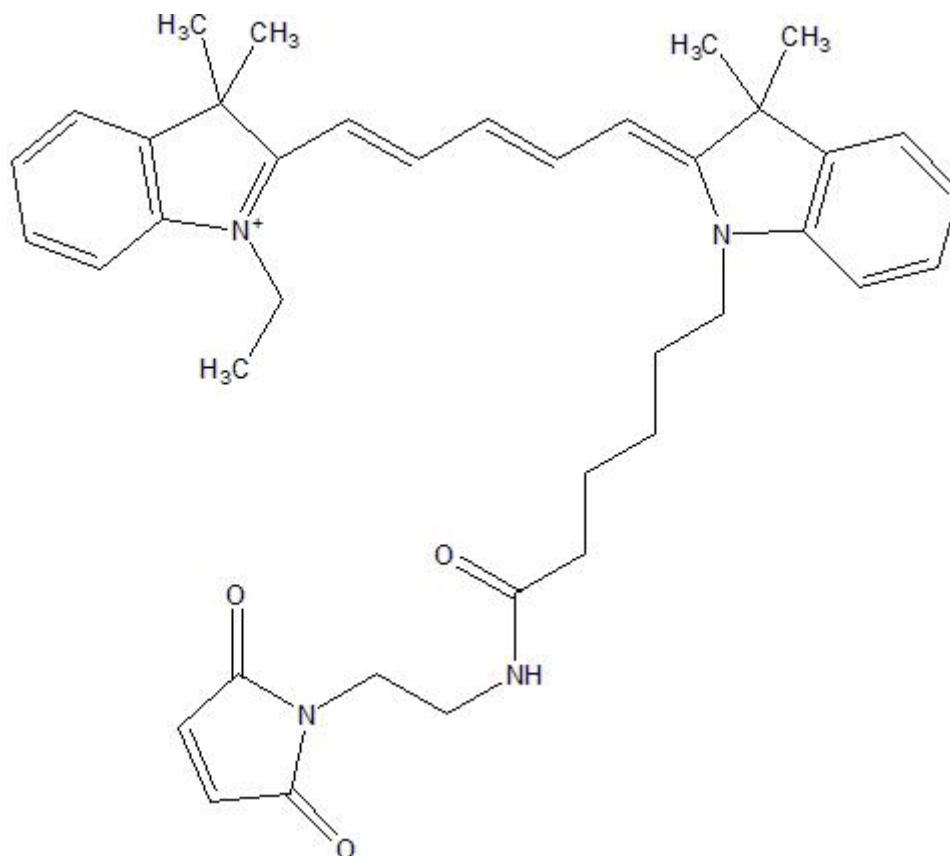


## Certificate of Analysis

### General properties:

Product Name: Cyanine5 Maleimide  
Molecular Weight: 620 Dalton  
Catalog Number: R-H-3024  
Lot Number: RA0179209

### 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](mailto:Sales@ruixibiotech.com)

---

---

**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                |

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**