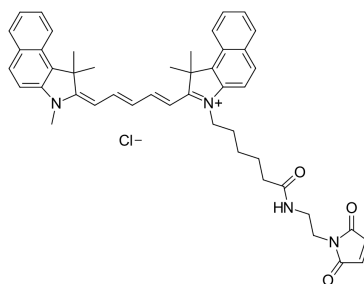


Certificate of Analysis

General properties:

Product Name: Cyanine5.5 Maleimide
 Molecular Weight: 741.36 Dalton
 Catalog Number: R-H-3061
 Lot Number: RH665971

Product Structure:



Product Specifications:

| Items | Specification | Results |
|--------------------|----------------------------|----------------------------|
| Appearance | dark purple powder | dark purple powder |
| ¹ H NMR | Identical to the Structure | Identical to the Structure |
| Purity by HPLC | >95% | 98% |
| Ex/Em | 673nm/707nm | 673nm/707nm |

Date of Analysis: 2018.05.04

Recommended Retest date: 2019.05.03

Recommended Storage: -20°C in the dark

Stability: 12 months

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