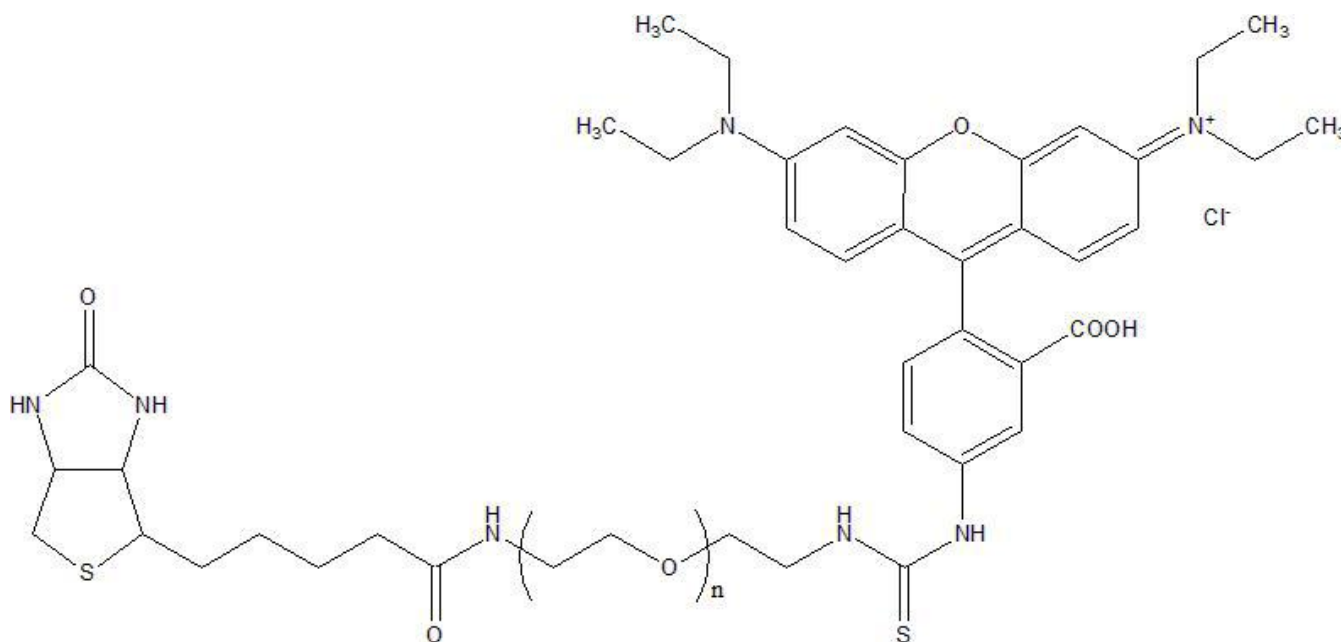


## Certificate of Analysis

### General properties:

Product Name: RB-PEG-Biotin  
 Molecular Weight: PEG MW:750/1000/2000/3400/5000 Dalton  
 Catalog Number: R-2207  
 Lot Number: RA071303

### Product Structure:



### Product Specifications:

| Items                         | Specification               | Results                     |
|-------------------------------|-----------------------------|-----------------------------|
| Appearance                    | Red solid or viscous liquid | Red solid or viscous liquid |
| <sup>1</sup> H NMR            | Identical to the structure  | Identical to the structure  |
| Substitution of RB by NMR     | >90%                        | >90%                        |
| Substitution of Biotin by NMR | >90%                        | >90%                        |
| Ex/Em                         | 570nm-595nm                 | 570nm-595nm                 |



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)

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Date of Analysis: 2017.09.26

Recommended Retest date: 2018.09.26

Recommended Storage: -20°C

Stability: 1 year

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