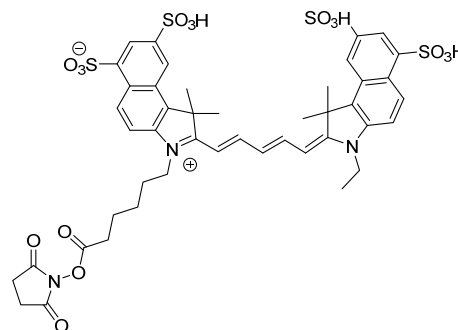


## Cy5.5 NHS Ester

|                          |                             |
|--------------------------|-----------------------------|
| <b>Product Name:</b>     | Cy5.5 NHS Ester             |
| <b>Product No.:</b>      | 1056                        |
| <b>Molecular Weight:</b> | 1014.13                     |
| <b>CAS:</b>              | n/a                         |
| <b>Solubility:</b>       | Water, DMSO, DMF, MeOH      |
| <b>Appearance:</b>       | Blue solid                  |
| <b>Shelf life:</b>       | 3 years at -20°C            |
| <b>Shipping:</b>         | At ambient temperature      |
| <b>Storage:</b>          | Upon receipt store at -20°C |

### Chemical Structure



### Optical Properties

|                         |  |
|-------------------------|--|
| $\lambda_{\text{abs}}$  | 678 nm                                   |
| $\lambda_{\text{abs}}$  | 694 nm                                   |
| $\epsilon_{\text{max}}$ | 190,000 M <sup>-1</sup> cm <sup>-1</sup> |
| $\Phi_{\text{fl}}$      | 0.28                                     |
| CF <sub>260</sub>       | 0.10                                     |
| CF <sub>280</sub>       | 0.13                                     |
| Spectrally Similar      | Alexa Fluor® 680                         |
| Dyes                    | CF® 680, DyLight® 680                    |

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CF® Dyes is a registered trademark of Biotium Inc.

### Absorption and Emission Spectra

