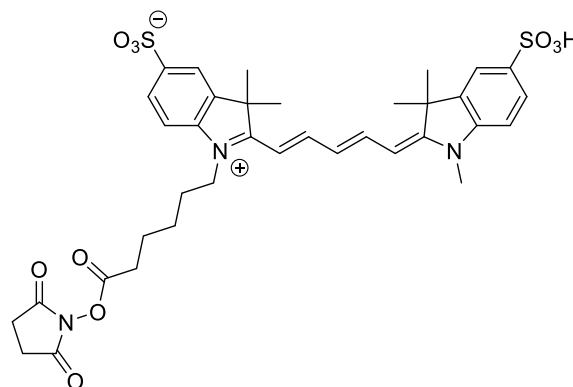


Cy5 NHS Ester

| | |
|--------------------------|-----------------------------|
| Product Name: | Cy5 NHS Ester |
| Product No.: | 1321 |
| Molecular Weight: | 739.86 (protonated) |
| CAS: | n/a |
| Solubility: | Water, DMSO, DMF, MeOH |
| Appearance: | Dark blue solid |
| Shelf life: | 5 years at -20°C |
| Shipping: | At ambient temperature |
| Storage: | Upon receipt store at -20°C |

Chemical Structure



Optical Properties

| | |
|--------------------------------|--|
| λ_{abs} | 648 nm |
| λ_{abs} | 671 nm |
| ϵ_{max} | 250,000 M ⁻¹ cm ⁻¹ |
| Φ_{fl} | 0.18 |
| CF ₂₆₀ | 0.05 |
| CF ₂₈₀ | 0.05 |
| Spectrally Similar Dyes | Alexa Fluor®647 CF® Dye 647, DyLight® 647 |

DyLight is a trademark of Thermo Fisher Scientific, Inc. Alexa Fluor is a trademark of Thermo Fisher Scientific, Inc. CF Dyes is a trademark of Biotium Inc.

Absorption and Emission Spectra

