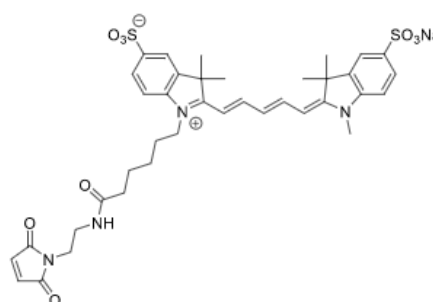


Cy5 Maleimide

| | |
|--------------------------|-----------------------------|
| Product Name: | Cy5 Maleimide |
| Product No.: | 1004 |
| Molecular Weight: | 786.89 |
| CAS: | 1160761-43-2 |
| Solubility: | Water, DMSO, DMF, MeOH |
| Appearance: | Blue solid |
| Shelf life: | At least 12 month at -20°C |
| Shipping: | At ambient temperature |
| Storage: | Upon receipt store at -20°C |

Chemical Structure



Optical Properties

| | |
|---------------------------|--|
| λ_{abs} | 647 nm |
| λ_{em} | 663 nm |
| ϵ_{max} | 255,000 M ⁻¹ cm ⁻¹ |
| Φ_{fl} | 0.21 |
| CF ₂₆₀ | 0.05 |
| CF ₂₈₀ | 0.05 |
| Flow cytometry laser line | 633 or 635 nm |
| Microscopy laser line | 633 or 635 nm |
| Spectrally Similar Dyes | Alexa Fluor 647 CF Dye 647, DyLight 649 |

Absorption and Emission Spectra

