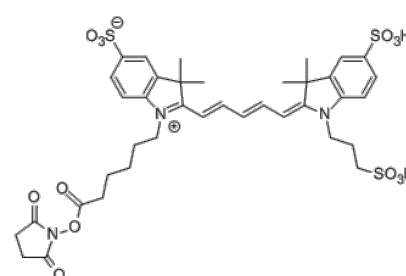


Cy5 NHS Ester

Product Number:	CCR-1076
Product Name:	Cy5 NHS Ester
CAS Number:	1393470-85-3
Molecular Weight:	761.83
Solubility:	Water, DMSO, DMF, MeOH
Storage:	Upon receipt store at -20°C.
Appearance:	Blue solid
Shelf Life:	At least 12 months at -20°C

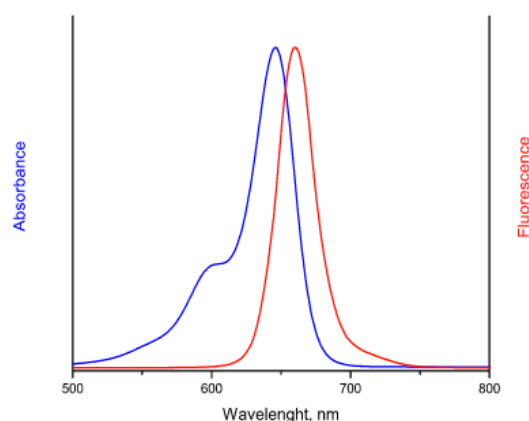
Chemical Structure:



Optical Properties

λ_{abs}	647 nm
λ_{abs}	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



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