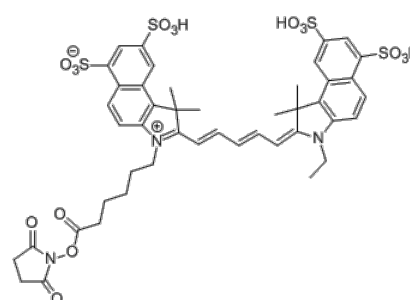


## Cy5.5 NHS Ester

Product Number:	CCR-1056
Product Name:	Cy5.5 NHS Ester
CAS Number:	N/A
Molecular Weight:	1014.13
Solubility:	Water, DMSO, DMF, MeOH
Storage:	Upon receipt store at -20°C.
Appearance:	Blue solid
Shelf Life:	At least 12 months at -20°C

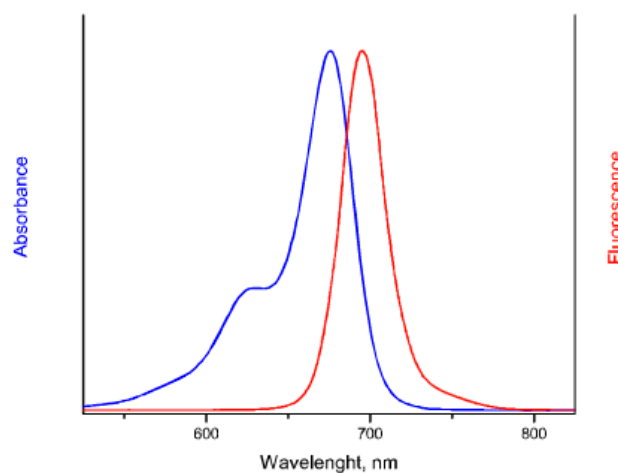
Chemical Structure:



### Optical Properties

$\lambda_{\text{abs}}$	678 nm
$\lambda_{\text{em}}$	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 Dyes	Alexa Fluor 680, IRDye 680RD CF Dye 680, DyLight 680

Absorption and Emission Spectra



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