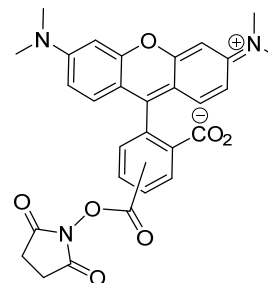


## 5(6)-TAMRA NHS Ester

<b>Product Name:</b>	TAMRA NHS Ester (5/6 isomers)
<b>Product No.:</b>	1074
<b>Molecular Weight:</b>	527.53
<b>CAS:</b>	150408-83-6
<b>Solubility:</b>	DMSO, DMF, MeOH
<b>Appearance:</b>	Red solid
<b>Shelf life:</b>	At least 3 years at -20°C
<b>Shipping:</b>	At ambient temperature
<b>Storage:</b>	Upon receipt store at -20°C

### Chemical Structure



### Optical Properties

$\lambda_{\text{abs}}$	552 nm
$\lambda_{\text{em}}$	571 nm
$\epsilon_{\text{max}}$	92,000 M <sup>-1</sup> cm <sup>-1</sup>
$\Phi_{\text{fl}}$	0.1
CF <sub>260</sub>	0.32
CF <sub>280</sub>	0.20
Spectrally Similar Dyes	Alexa Fluor® 546, CF® 543 DyLight® 549

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### Absorption and Emission Spectra

