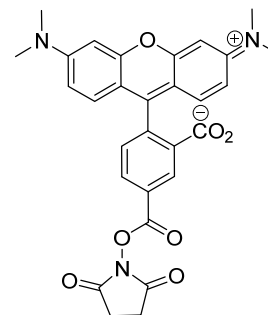


## 5-TAMRA NHS Ester

<b>Product Name:</b>	5-TAMRA NHS Ester
<b>Product No.:</b>	1243
<b>Molecular Weight:</b>	527.53
<b>CAS:</b>	150810-68-7
<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

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

