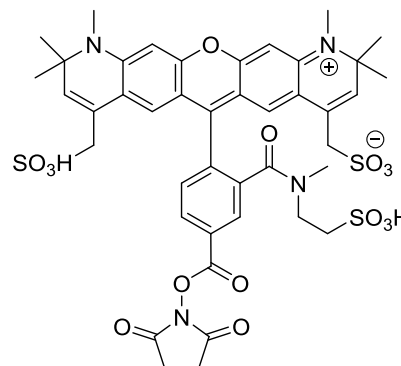


### MB 594 NHS Ester

<b>Product Name:</b>	MB 594 NHS Ester
<b>Product No.:</b>	1646
<b>Molecular Weight:</b>	941.01 (protonated)
<b>CAS:</b>	n/a
<b>Solubility:</b>	Water, DMSO, DMF, MeOH
<b>Appearance:</b>	Dark blue solid
<b>Shelf life:</b>	3 years at -20°C
<b>Shipping:</b>	At ambient temperature
<b>Storage:</b>	Upon receipt store at -20°C

#### Chemical Structure



#### Optical Properties

$\lambda_{\text{abs}}$	605 nm
$\lambda_{\text{abs}}$	635 nm
$\epsilon_{\text{max}}$	110,000 M <sup>-1</sup> cm <sup>-1</sup>
$\Phi_{\text{fl}}$	0.79
CF <sub>260</sub>	0.61
CF <sub>280</sub>	0.56
<b>Spectrally Similar</b>	Alexa Fluor ®594
<b>Dyes</b>	CF® Dye 594, DyLight® 594

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

