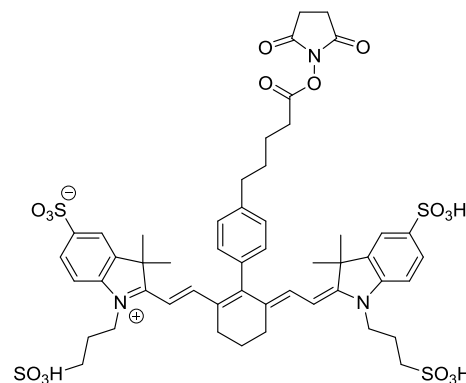


### IR 750 NHS Ester

<b>Product Name:</b>	IR 750 NHS Ester
<b>Product No.:</b>	1556
<b>Molecular Weight:</b>	1098.28 (protonated)
<b>CAS:</b>	n/a
<b>Solubility:</b>	Water, DMSO, DMF, MeOH
<b>Appearance:</b>	Green 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

$\lambda_{\text{abs}}$	753 nm
$\lambda_{\text{abs}}$	775 nm
$\epsilon_{\text{max}}$	255,000 M <sup>-1</sup> cm <sup>-1</sup>
$\Phi_{\text{fl}}$	0.16
CF <sub>260</sub>	0.05
CF <sub>280</sub>	0.05R
Spectrally Similar Dyes	Alexa Fluor® 750, IRDye® 750 CF® 750, DyLight® 750

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

