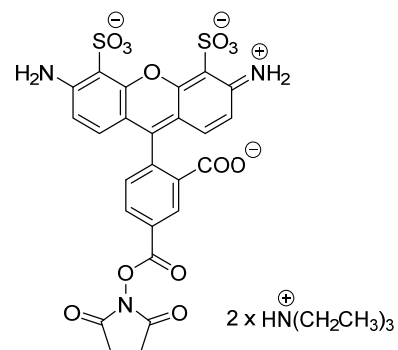


## AFDye 488 NHS Ester

<b>Product Name:</b>	AFDye 488 NHS Ester
<b>Product No.:</b>	1338
<b>Molecular Weight:</b>	631.54 (protonated) 883.26 (triethylammonium salt)
<b>CAS:</b>	n/a
<b>Solubility:</b>	DMSO, DMF, MeOH, Water
<b>Appearance:</b>	Orange 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

$\lambda_{\text{abs}}$	494 nm
$\lambda_{\text{em}}$	517 nm
$\epsilon_{\text{max}}$	73,000 M <sup>-1</sup> cm <sup>-1</sup>
$\Phi_{\text{fl}}$	0.79
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 488, Fluorescein CF® 488, DyLight® 488

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CF® Dyes is a registered trademark of Biotium Inc

### Absorption and Emission Spectra

