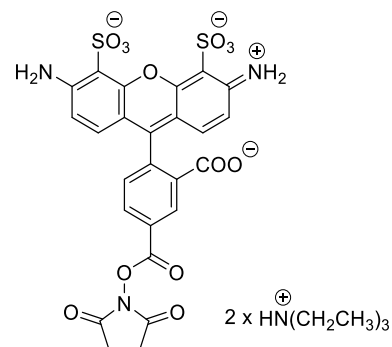


## AZDye 488 NHS Ester

<b>Product Name:</b>	AZDye 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

$\lambda_{\text{abs}}$  517 nm

$\epsilon_{\text{max}}$  73,000 M<sup>-1</sup>cm<sup>-1</sup>

$\Phi_{\text{fl}}$  0.79

Spectrally Similar Alexa Fluor® 488, Fluorescein

Dyes CF® 488, DyLight® 488

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CF® Dyes is a registered trademark of Biotium Inc

### Absorption and Emission Spectra

