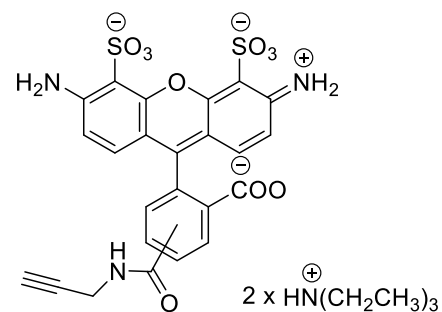


### AFDye 488 Alkyne

<b>Product Name:</b>	AFDye 488 Alkyne
<b>Product No.:</b>	1020
<b>Molecular Weight:</b>	773.91 (bistriethylammonium salt)
<b>CAS:</b>	n/a
<b>Solubility:</b>	Water, DMSO, DMF, MeOH
<b>Appearance:</b>	Orange solid
<b>Shelf life:</b>	At least 12 month 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
CF <sub>260</sub>	0.14
CF <sub>280</sub>	0.11
Spectrally Similar Dyes	Alexa Fluor® 488, CF® Dye 488, DyLight® 488

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

