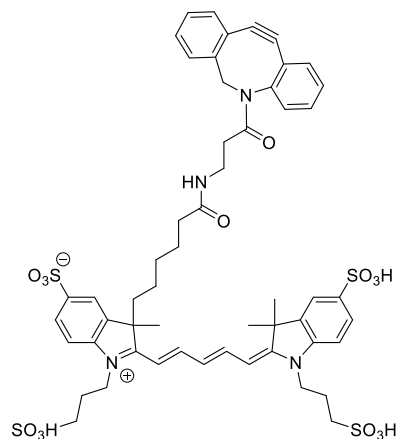


## AZDye 647 DBCO

<b>Product Name:</b>	AZDye 647 DBCO
<b>Product No.:</b>	1127
<b>Molecular Weight:</b>	1117.33 (protonated)
<b>CAS:</b>	n/a
<b>Solubility:</b>	Water, DMSO, DMF, MeOH
<b>Appearance:</b>	Blue solid
<b>Shelf life:</b>	At least 12 months at -20°C
<b>Shipping:</b>	At ambient temperature
<b>Storage:</b>	Upon receipt store at -20°C

### Chemical Structure



### Optical Properties

$\lambda_{\text{abs}}$	647 nm
$\lambda_{\text{abs}}$	671 nm
$\epsilon_{\text{max}}$	255,000 M <sup>-1</sup> cm <sup>-1</sup>
$\Phi_{\text{fl}}$	0.21
CF <sub>260</sub>	0.05
CF <sub>280</sub>	0.05
<b>Spectrally Similar Dyes</b>	Alexa Fluor®647, Cy5 Dye CF® Dye 647, DyLight® 649

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### Absorption and Emission Spectra

