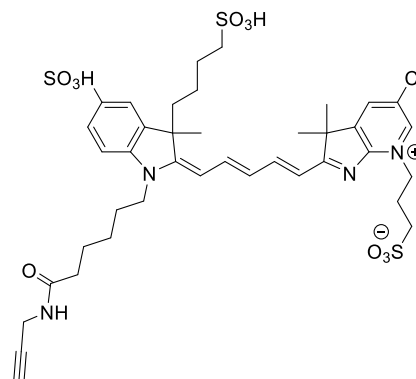


## AZDye 680 Alkyne

|                          |                             |
|--------------------------|-----------------------------|
| <b>Product Name:</b>     | AZDye 680 Alkyne            |
| <b>Product No.:</b>      | 1514                        |
| <b>Molecular Weight:</b> | 865.47                      |
| <b>CAS:</b>              | n/a                         |
| <b>Solubility:</b>       | Water, DMSO, DMF, MeOH      |
| <b>Appearance:</b>       | Dark blue solid             |
| <b>Shelf life:</b>       | 5 years at -20°C            |
| <b>Shipping:</b>         | At ambient temperature      |
| <b>Storage:</b>          | Upon receipt store at -20°C |

### Chemical Structure



### Optical Properties

|                    |                                          |
|--------------------|------------------------------------------|
| $\lambda_{abs}$    | 678 nm                                   |
| $\lambda_{abs}$    | 701 nm                                   |
| $\epsilon_{max}$   | 185,000 M <sup>-1</sup> cm <sup>-1</sup> |
| $\Phi_{fl}$        | 0.27                                     |
| CF <sub>260</sub>  | 0.07                                     |
| CF <sub>280</sub>  | 0.07                                     |
| Spectrally Similar | Alexa Fluor® 680                         |
| Dyes               | CF® 680, DyLight® 680                    |

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CF® Dyes is a registered trademark of Biotium Inc.

### Absorption and Emission Spectra

