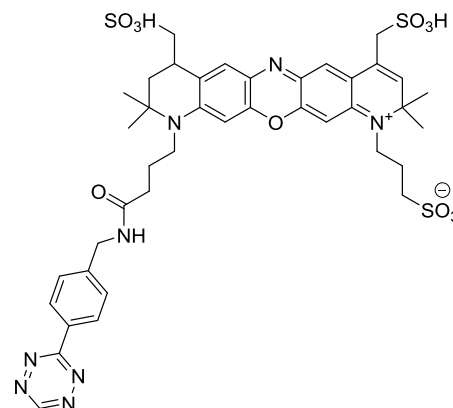


## AFDye 680R Tetrazine

<b>Product Name:</b>	AFDye 680R Tetrazine
<b>Product No.:</b>	1505
<b>Molecular Weight:</b>	911.03
<b>CAS:</b>	n/a
<b>Solubility:</b>	Water, DMSO, DMF, MeOH
<b>Appearance:</b>	Blue 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

$\lambda_{\text{abs}}$	685 nm
$\lambda_{\text{abs}}$	709 nm
$\epsilon_{\text{max}}$	135,000 M <sup>-1</sup> cm <sup>-1</sup>
$\Phi_{\text{fl}}$	0.67
CF <sub>260</sub>	0.33
CF <sub>280</sub>	0.20
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 680 CF® 680R

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### Absorption and Emission Spectra

