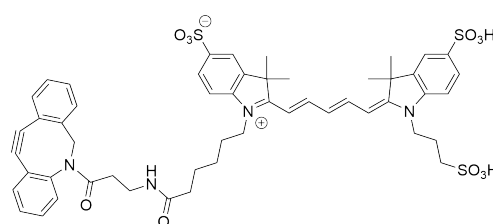


## Cy5 DBCO

Product Number:	CCR-A130
Product Name:	Cy5 DBCO
CAS Number:	1564286-24-3
Molecular Weight:	1009.22
Solubility:	Water, DMSO, DMF, MeOH
Storage:	Upon receipt store at -20°C.
Appearance:	Blue solid
Shelf Life:	At least 12 months at -20°C

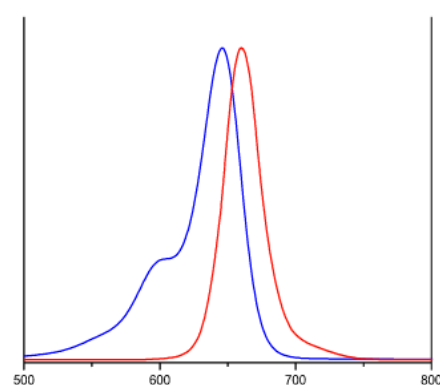
### Chemical Structure:



### Optical Properties

$\lambda_{\text{abs}}$	647 nm
$\lambda_{\text{em}}$	663 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
Flow cytometry laser line	633 or 635 nm
Microscopy laser line	633 or 635 nm
Spectrally Similar Dyes	Alexa Fluor 647 CF Dye 647, DyLight 649

### Absorption and Emission Spectra



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