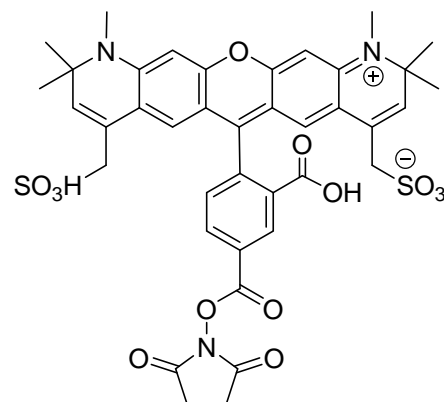


AFDye 594 NHS Ester

Product Name:	AFDye 594 NHS Ester
Product No.:	1101
Molecular Weight:	819.85 (protonated)
CAS:	n/a
Solubility:	Water, DMSO, DMF, MeOH
Appearance:	Dark blue solid
Shelf life:	At least 12 month at -20°C
Shipping:	At ambient temperature
Storage:	Upon receipt store at -20°C

Chemical Structure



Optical Properties

λ_{abs}	590 nm
λ_{abs}	617 nm
ϵ_{max}	92,000 M ⁻¹ cm ⁻¹
Φ_{fl}	0.79
CF ₂₆₀	0.61
CF ₂₈₀	0.56
Spectrally Similar Dyes	Alexa Fluor ®594 CF® Dye 594, DyLight® 594

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

