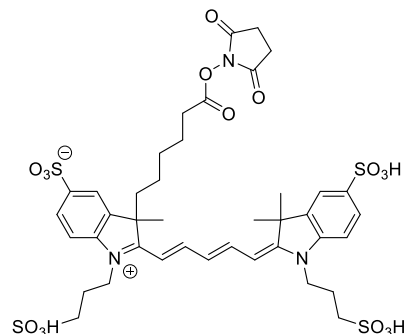


AZDye 647 NHS Ester

Product Name:	AZDye 647 NHS Ester
Product No.:	1344
Molecular Weight:	955.08 (protonated) 1259.66 (triethylammonium salt)
CAS:	n/a
Solubility:	Water, DMSO, DMF, MeOH
Appearance:	Blue solid
Shelf life:	3 years at -20°C
Shipping:	Ambient temperature
Storage:	Upon receipt store at -20°C

Chemical Structure



Optical Properties

λ_{abs}	647 nm
λ_{em}	671 nm
ϵ_{max}	255,000 M ⁻¹ cm ⁻¹
Φ_{fl}	0.21
CF ₂₆₀	0.05
CF ₂₈₀	0.05
Spectrally Similar Dyes	Alexa Fluor® 647, CF® 647 DyLight® 649

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

