

DATASHEET KU560-R-4 RIGID NHS-ESTER

Spectral properties of KU560

Dye Properties		
M _{salt}	659.5	g/mol
M _{dye}	514.5	g/mol
M _{conjugated dye}	400	m/z
Purity	>95%	%
Photophysical properties in methanol		
λ_{abs}	560	nm
ϵ_{max}	16,800	M ⁻¹ cm ⁻¹
λ_{fl}	590	nm
ϕ_{fl}	>50	%
τ_{fl}	~20	ns
CF ₂₆₀ = $\epsilon_{260} / \epsilon_{\text{max}}$	2.98	
CF ₂₈₀ = $\epsilon_{280} / \epsilon_{\text{max}}$	1.41	

QA Approval - 15/11/2024

