

DATASHEET KU530-1

Spectral properties of KU530

Dye Properties		
M _{salt}	505.37	g/mol
M _{dye}	360.39	
Purity	>95	%
Photophysical properties in methanol		
λ_{abs}	530	nm
ϵ_{max}	9,800	M ⁻¹ cm ⁻¹
λ_{fl}	560	nm
ϕ_{fl}	>60	%
τ_{fl}	~24	ns
CF ₂₆₀ = $\epsilon_{260} / \epsilon_{\text{max}}$	4.53	
CF ₂₈₀ = $\epsilon_{280} / \epsilon_{\text{max}}$	1.27	

QA Approval - 07/06/2020

