

DATASHEET KU530-R-4 RIGID NHS ESTER

Spectral properties of KU530

Dye Properties		
M _{salt}	646.4	g/mol
M _{dye}	501.5	g/mol
M _{conjugated dye}	387	m/z
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 = ε ₂₆₀ / ε _{max}	4.53	
CF ₂₈₀ = ε ₂₈₀ / ε _{max}	1.27	

QA Approval - 15/11/2024

