

DATASHEET KU450-6

Spectral properties of KU450

Dye Properties		
M _{salt}	769.7	g/mol
M _{dye}	624.3	g/mol
M _{conjugate}	510.3	m/z
Purity	>95%	%
Photophysical properties in methanol		
λ _{abs}	451	nm
ε _{max}	120,000	M ⁻¹ cm ⁻¹
λ _{fl}	488	nm
φ _{fl}	>60	%
τ _{fl}	~2	ns
CF ₂₆₀ = ε ₂₆₀ / ε _{max}	0.64	
CF ₂₈₀ = ε ₂₈₀ / ε _{max}	0.24	

QA Approval – 11/11/2017

