

DATASHEET KU560-6 FLEXIBLE NHS ESTER

Spectral properties of KU560

Dye Properties		
M _{salt}	625.5	g/mol
M _{dye}	408.5	g/mol
M _{conjugated dye}	366.1	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 = ε ₂₆₀ / ε _{max}	2.98	
CF ₂₈₀ = ε ₂₈₀ / ε _{max}	1.41	

QA Approval - 10/05/2021

