

DATASHEET KU530-R-1

Spectral properties of KU530

| Dye Properties | | |
|---|-------|----------------------------------|
| M _{salt} | 520.3 | g/mol |
| 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 – 07/06/2020

