

## DATASHEET KU560-R-6

Spectral properties of KU560

| <b>Dye Properties</b>                                      |        |                                  |
|--|--------|----------------------------------|
| M <sub>salt</sub>  | 613.5  | g/mol                            |
| Purity   | >95%   | %                                |
| <b>Photophysical properties in methanol</b>                |        |                                  |
| $\lambda_{\text{abs}}$                                     | 560    | nm                               |
| $\epsilon_{\text{max}}$                                    | 16,800 | M <sup>-1</sup> cm <sup>-1</sup> |
| $\lambda_{\text{fl}}$                                      | 590    | nm                               |
| $\phi_{\text{fl}}$   | >50    | %                                |
| $\tau_{\text{fl}}$   | ~20    | ns                               |
| $\text{CF}_{260} = \epsilon_{260} / \epsilon_{\text{max}}$ | 2.98   |                                  |
| $\text{CF}_{280} = \epsilon_{280} / \epsilon_{\text{max}}$ | 1.41   |                                  |

QA Approval - 07/09/2019

