

Table 3 UV-Vis absorption data of chromophores (Absorption spectra are measured in 10^{-5} M solutions)

Chromophore	Solvent	λ_{max}	$\Delta \lambda/(\text{nm})^{\text{a}}$	FWHM/nm
C1	Acetone	623	31	82
	Toluene	598	6	84
	Acetonitrile	627	35	77
	DMF	636	44	77
	1, 4-Dioxane	592	0	94
	Chloroform	622	10	63
C2	Acetone	463	11	48
	Toluene	454	2	42
	Acetonitrile	463	11	48
	DMF	470	18	49
	1, 4-Dioxane	452	0	46
	Chloroform	464	12	43
C3	Acetone	624	26	84
	Toluene	605	7	91
	Acetonitrile	629	31	79
	DMF	636	38	78
	1, 4-Dioxane	598	0	98
	Chloroform	623	25	67

$\Delta \lambda/(\text{nm})^{\text{a}} = \lambda_{\text{max}}(\text{solvent}) - \lambda_{\text{max}}(1, 4\text{-Dioxane})$