

Table SD1. Maximum absorption (λ_{abs}) and emission wavelengths (λ_{em}), molar absorption coefficients (ϵ) and fluorescence quantum yields (Φ_{F}) for compounds **2a-c** and **3a-c** in several solvents.

Solvent	$\lambda_{\text{abs}} / \text{nm} (\epsilon / 10^4 \text{ M}^{-1} \text{ cm}^{-1})$						$\lambda_{\text{em}} (\text{nm})$						$\Phi_{\text{F}}^{\text{b}}$					
	2a	2b	2c	3a	3b	3c	2a	2b	2c	3a	3b	3c	2a	2b	2c	3a	3b	3c
Dioxane	373 (0.78); 290 (4.06);	374 (0.05); 292 (0.34)	376 (0.07); 290 (0.71)	369 (0.76); 285 (3.49); 255 (3.81)	370 (0.62); 286 (3.20); 258 (2.76)	369 (0.72); 281 (6.02)	455	455	452	449	450	453	0.09	0.19	0.23	0.22	0.15	0.11
Dichloromethane	370 (0.63); 291 (3.23); 254 (3.21)	368 (0.68); 290 (3.52); 255 (3.53)	370 (0.87); 290 (8.73)	367 (0.61); 286 (3.16); 248 (2.98)	368 (0.58); 286 (2.95)	367 (0.55); 280 (5.10)	457	458	458	451	452	451	0.25	0.22	0.07	0.41	0.31	0.14
Ethyl acetate ^a	369 (0.78); 288 (4.06)	372 (0.51); 290 (2.76)	370 (1.13); 290 (8.70)	368 (0.62); 285 (2.56)	369 (0.65); 284 (3.14)	369 (0.61); 282 (5.91)	460	459	456	450	449	457	0.15	0.18	0.14	0.09	0.08	0.05
Chloroform ^a	365 (0.69); 292 (3.61) 256 (3.44)	365 (0.11); 283 (1.59)	366 (0.11); 282 (6.92)	368 (0.59); 287 (4.71)	368 (0.54); 287 (4.52)	367 (0.62); 279 (7.35)	446	447	446	449	449	448	0.10	0.07	0.06	0.06	0.08	0.02
<i>N,N</i> -Dimethylformamide ^a	369 (0.08) 290 (0.43)	360 (0.07); 290 (0.42)	371 (0.08); 300 (0.81)	371 (0.60); 288 (2.57)	371 (0.67); 287 (3.16)	371 (0.64); 286 (5.66)	472	471	471	463	462	464	0.24	0.25	0.38	0.42	0.16	0.21
Dimethylsulfoxide ^a	373 (0.71); 295 (3.30)	371 (0.63); 296 (2.58)	375 (0.76); 297 (5.93)	372 (0.70); 288 (3.06)	372 (0.68); 286 (2.65)	372 (0.61); 287 (4.64)	481	481	481	469	467	470	0.53	0.65	0.61	0.65	0.39	0.69
Acetonitrile	371 (0.43); 290 (3.02); 256 (4.03)	372 (0.58); 289 (2.96); 256 (3.20)	371 (0.84); 292 (7.83)	367 (0.64); 282 (3.10); 253 (3.51)	369 (0.60); 283 (3.29); 254 (3.37)	366 (0.59); 280 (5.69)	466	465	466	456	457	458	0.19	0.20	0.04	0.07	0.09	0.08

^a Solvents *cut-off*: *N,N*-dimethylformamide: 275 nm; Dimethylsulfoxide: 270 nm; Ethyl acetate: 265 nm; Chloroform: 250 nm.

^b Relative to quinine sulfate in 0.05 M H₂SO₄ ($\Phi_{\text{r}} = 0.546$ [16]). Error about 10%.