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Table ESI1. Dependence of the first-order rate constant (k_{obs}) for the decay of ${}^{3}NFA*$ on the ground-state concentration of NFA ([NFA])

| acetonitrile | | 1,4-dioxane | | acetone | | hexane | |
|---|---------------------------------|---------------------------------------|---------------------------|---|---------------------------------|---|-------------------------------|
| [NFA] /10 ⁻⁴ mol dm ⁻³ | $k_{\rm obs}/10^5 {\rm s}^{-1}$ | [NFA] $/10^{-4}$ mol dm ⁻³ | $k_{\rm obs}/10^5 s^{-1}$ | [NFA] /10 ⁻⁴ mol dm ⁻³ | $k_{\rm obs}/10^5 {\rm s}^{-1}$ | [NFA] /10 ⁻⁴ mol dm ⁻³ | $k_{\rm obs}/10^5 \rm s^{-1}$ |
| 0.37 | 2.56 | 0.16 | 5.22 | 0.29 | 3.08 | 4.35 | 87.50 |
| 0.38 | 3.44 | 1.55 | 8.06 | 0.58 | 3.43 | 43.50 | 153.0 |
| 0.55 | 3.20 | 15.5 | 12.7 | 1.55 | 5.01 | | |
| 0.73 | 4.64 | | | 3.45 | 7.78 | | |
| 0.76 | 4.61 | | | 5.75 | 10.20 | | |
| 1.47 | 4.75 | | | 7.73 | 12.60 | | |
| 3.02 | 8.57 | | | | | | |
| 3.66 | 7.93 | | | | | | |
| 7.33 | 9.34 | | | | | | |
| 11.00 | 10.30 | | | | | | |
| 34.60 | 11.70 | | | | | | |
| 37.80 | 11.60 | | | | | | |
| 43.20 | 11.50 | | | | | | |