

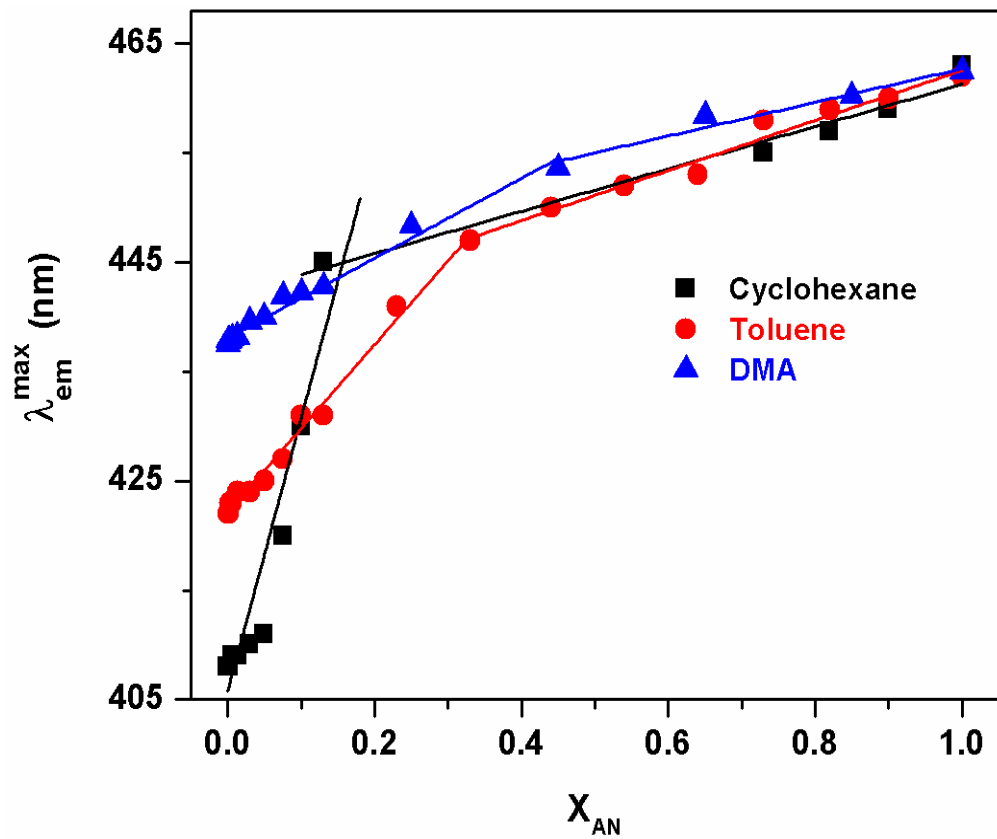
Electronic Supplementary Information

**Anomalous modulation of photoinduced electron  
transfer of coumarin 102 in aniline-  
dimethylaniline mixture: dominant role of  
hydrogen bonding**

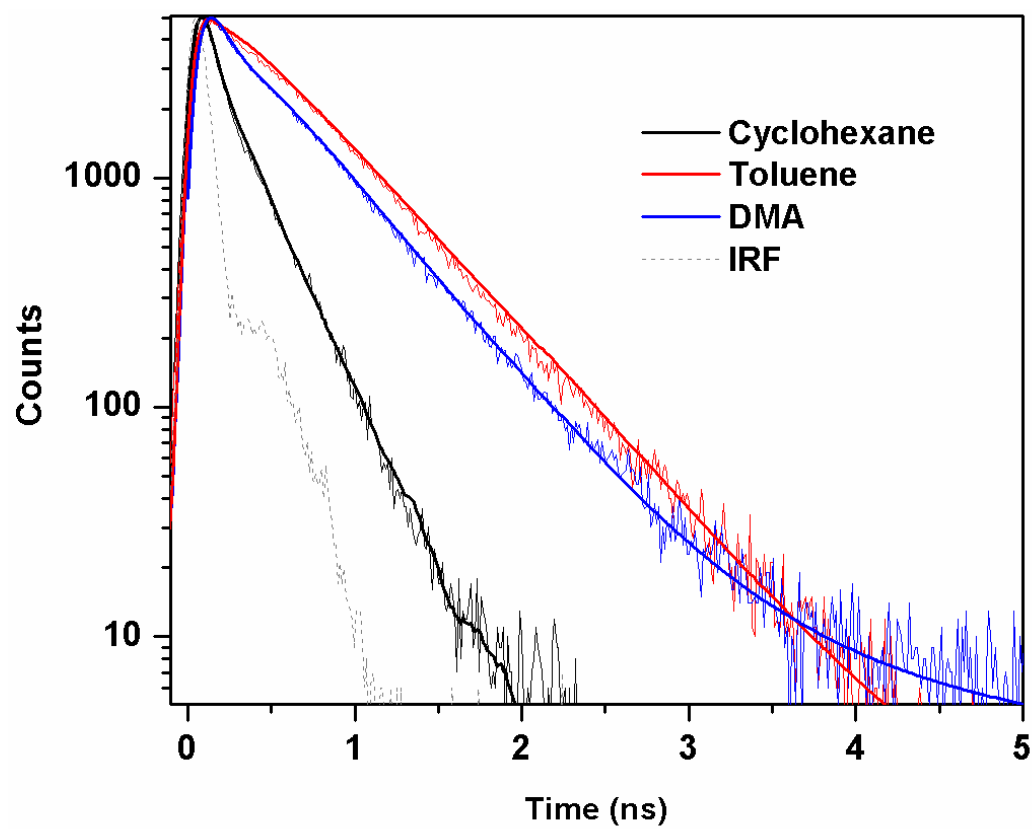
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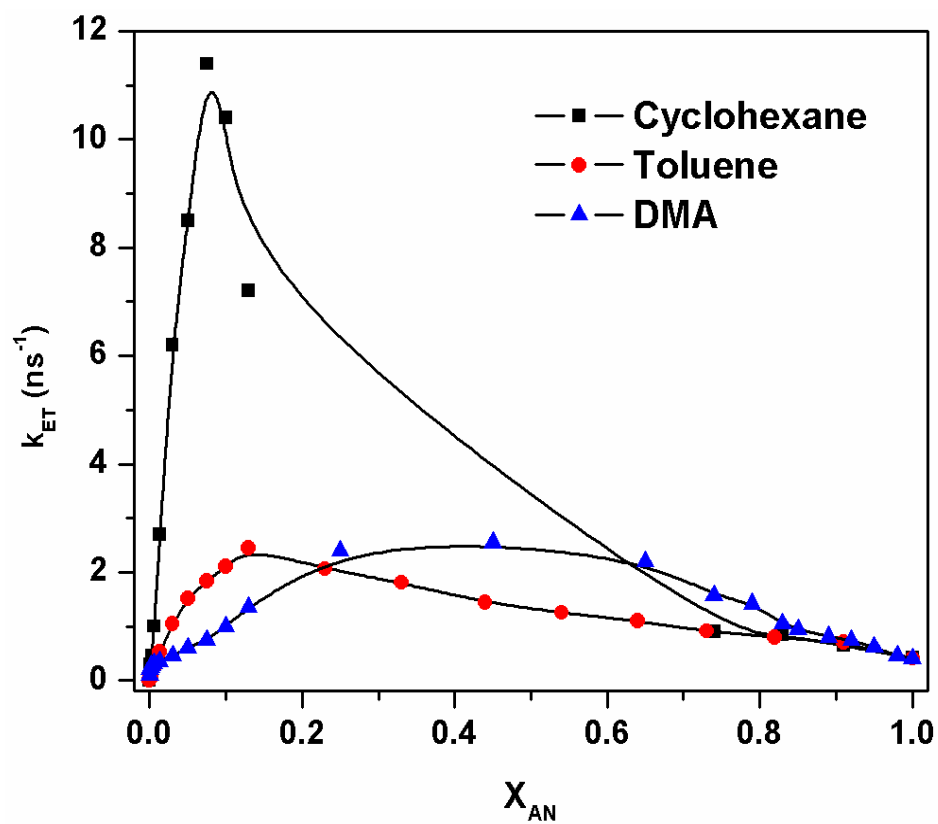
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**Figure S1:** Variation of emission maxima of C102 with increasing mole fraction of aniline,  $X_{AN}$  in three different solvents.



**Figure S2:** Fluorescence decays of C102 at critical mole fraction of aniline in three different solvents.



**Figure S3:** Variation of the photoinduced electron transfer (PET) rate constant,  $k_{ET}$ , of C102 with mole fraction of aniline in cyclohexane, toluene and DMA.