

Supporting Information

Interaction of luminarine with different G-quadruplex topologies: fluorescence and circular dichroism studies

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Table S1. The fluorescence lifetimes calculated for 9-methoxyluminarine and its complexes with DNA (9-MeLM/DNA, 1:5) in Tris-HCl buffer (10 mM, pH 7.2). The estimated value of lifetime resolution is $\Delta\tau = 0.02$ ns.

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the absence and presence of 9-MeLM : solid lines are annealing curves, short dash lines are melting curves.

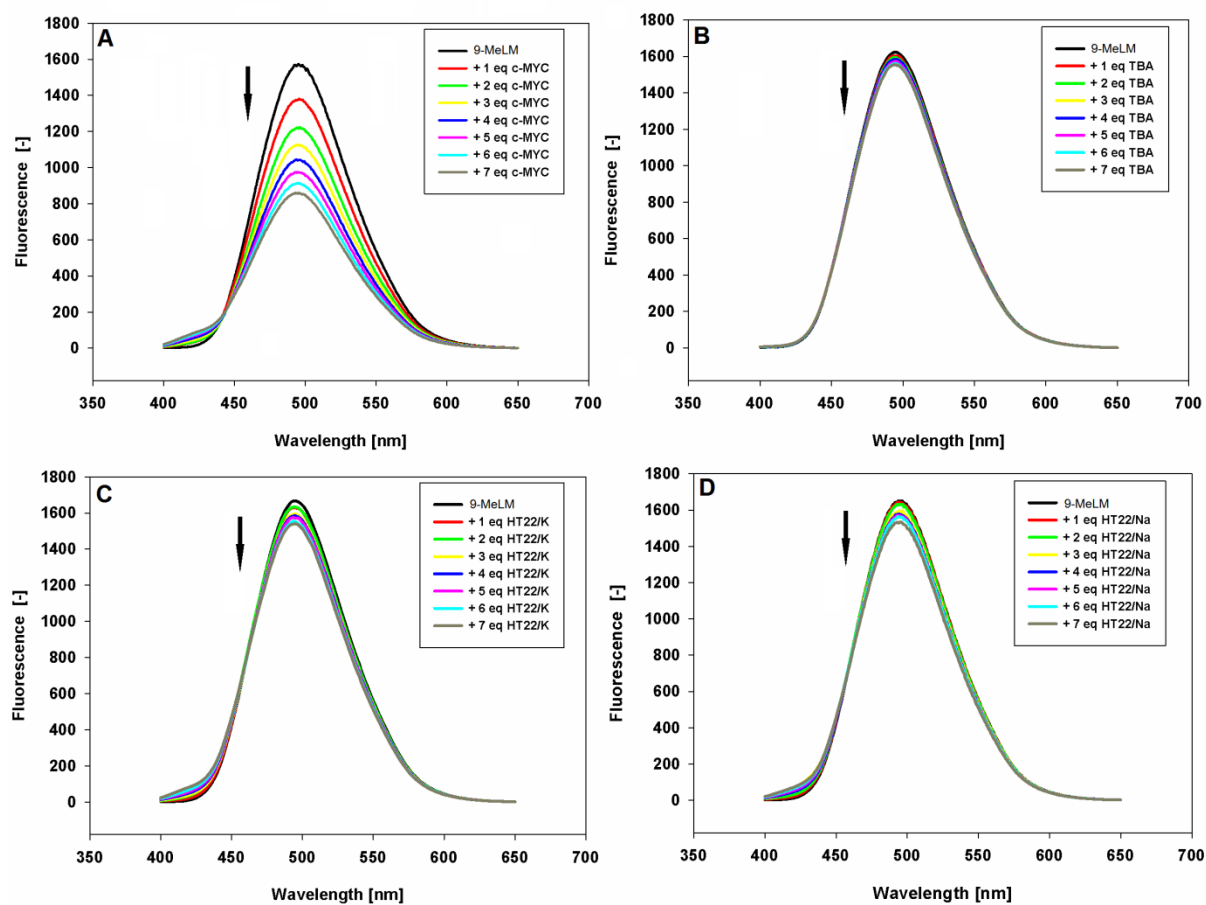


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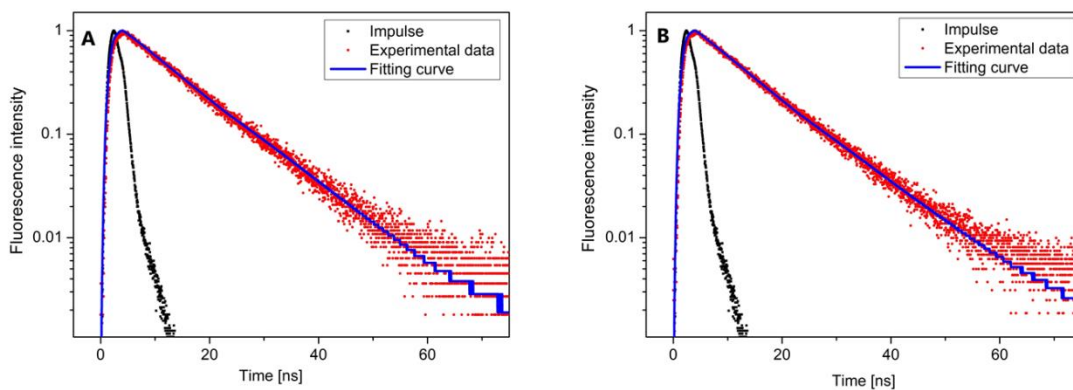


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Cations	9-MeLM	9-MeLM/ <i>c-MYC</i>	9-MeLM/22HT	9-MeLM/TBA	9-MeLM/ds26
100 mM K ⁺	9.98 (ns)	9.98 (ns)	9.96 (ns)	9.96 (ns)	---
100 mM Na ⁺	9.80 (ns)	---	9.96 (ns)	---	10.10 (ns)

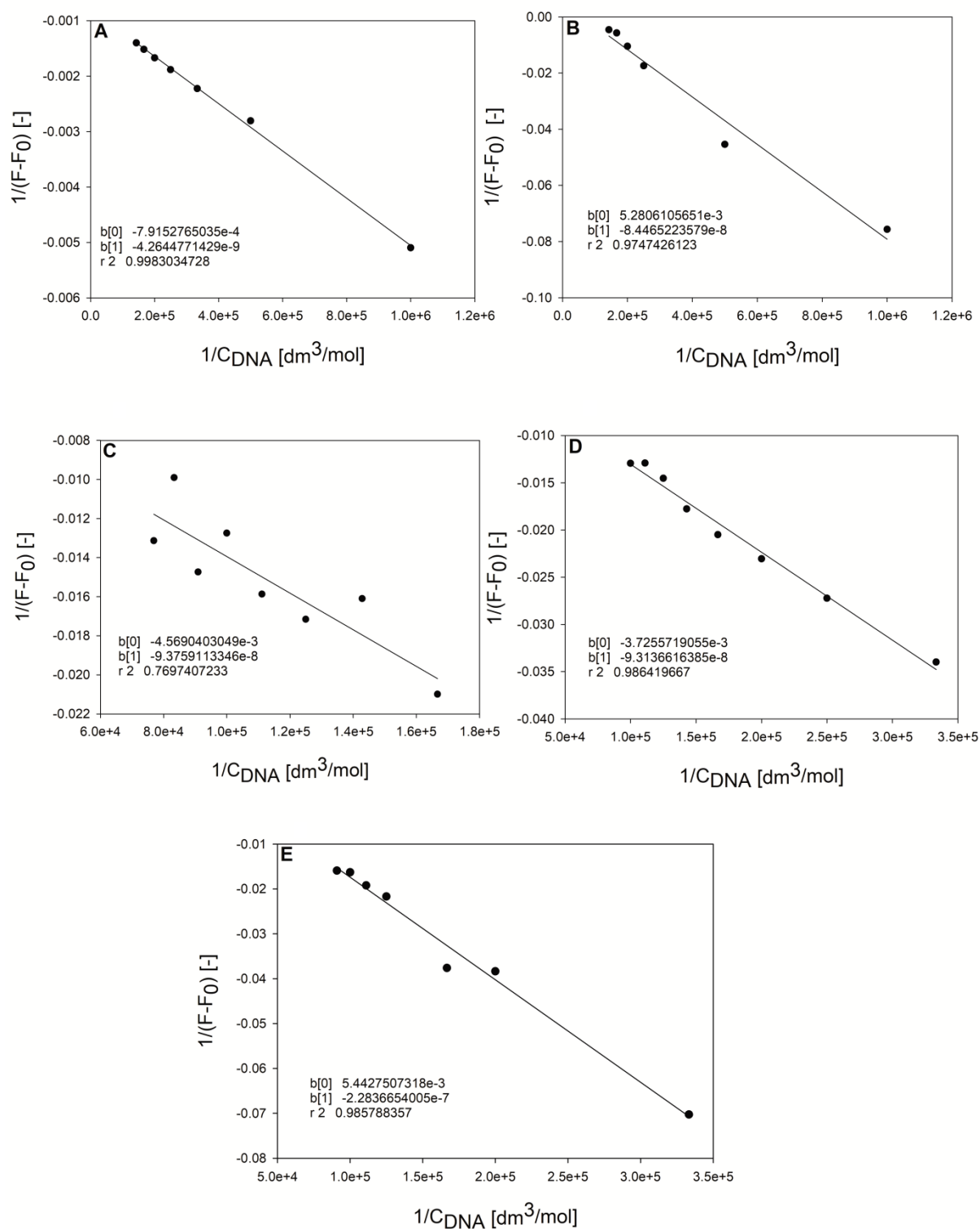


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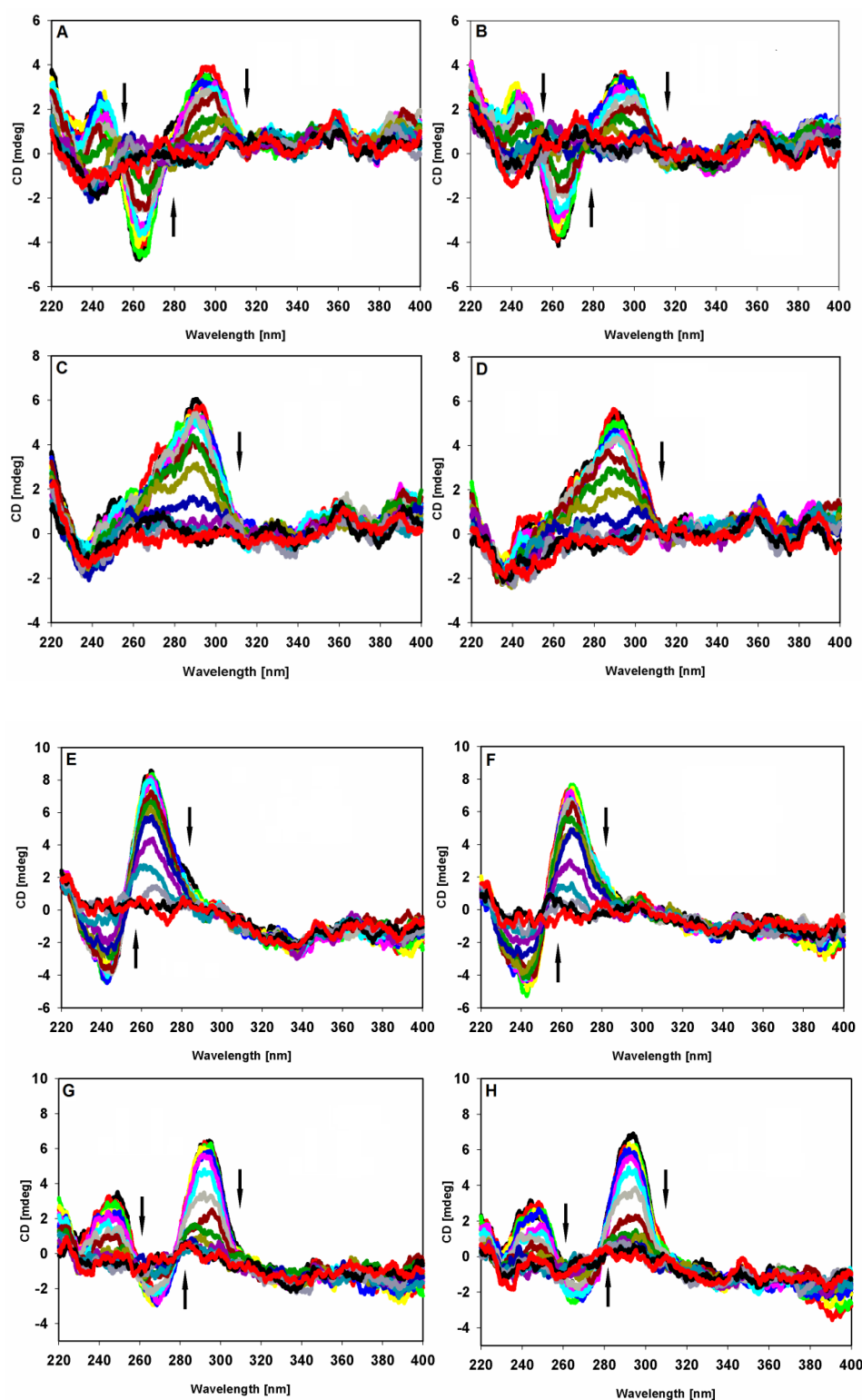


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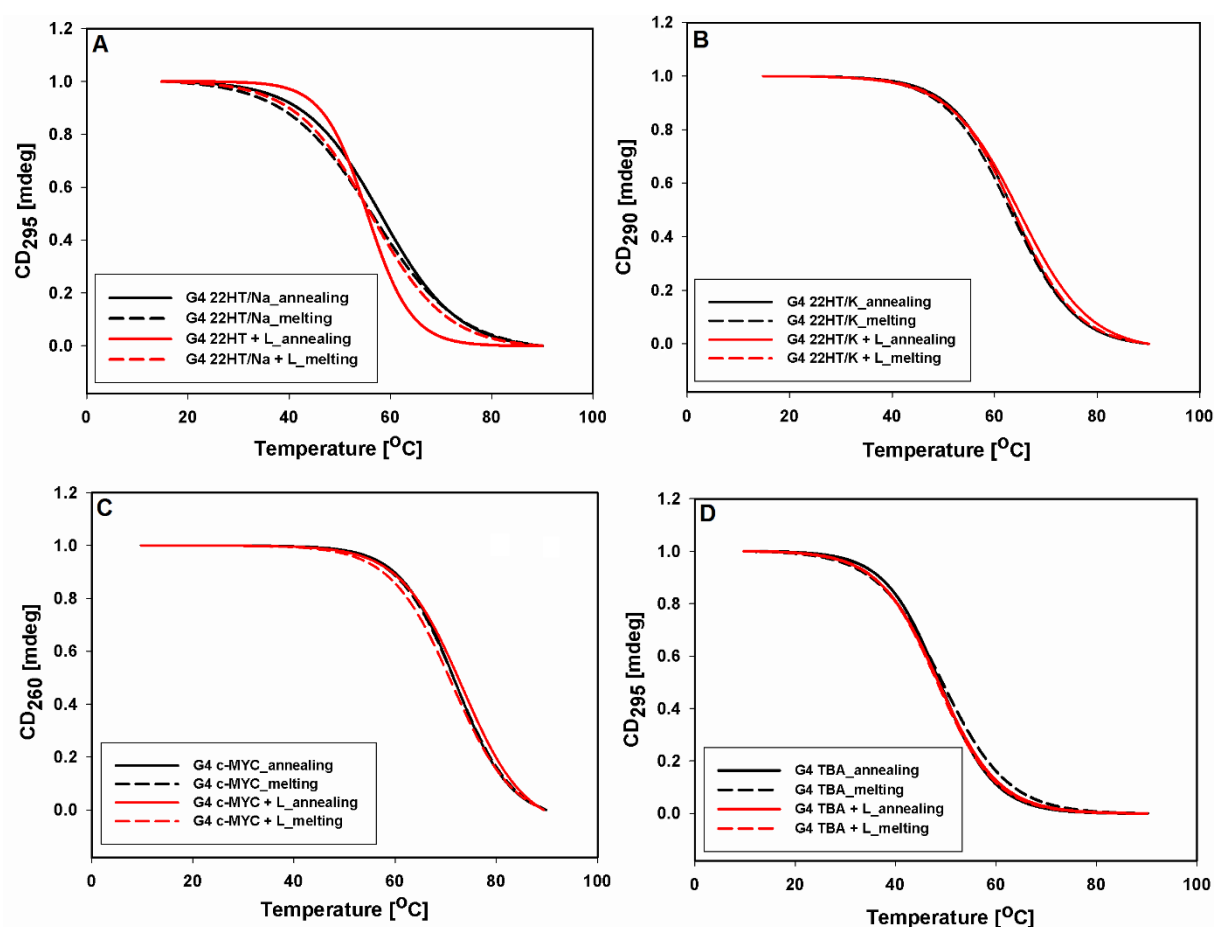


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