

Supplementary Material (ESI) for New Journal of Chemistry
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Synthesis and Photoresponse of a Fullerene-bis(styryl)benzene Dyad

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SUPPORTING INFORMATION

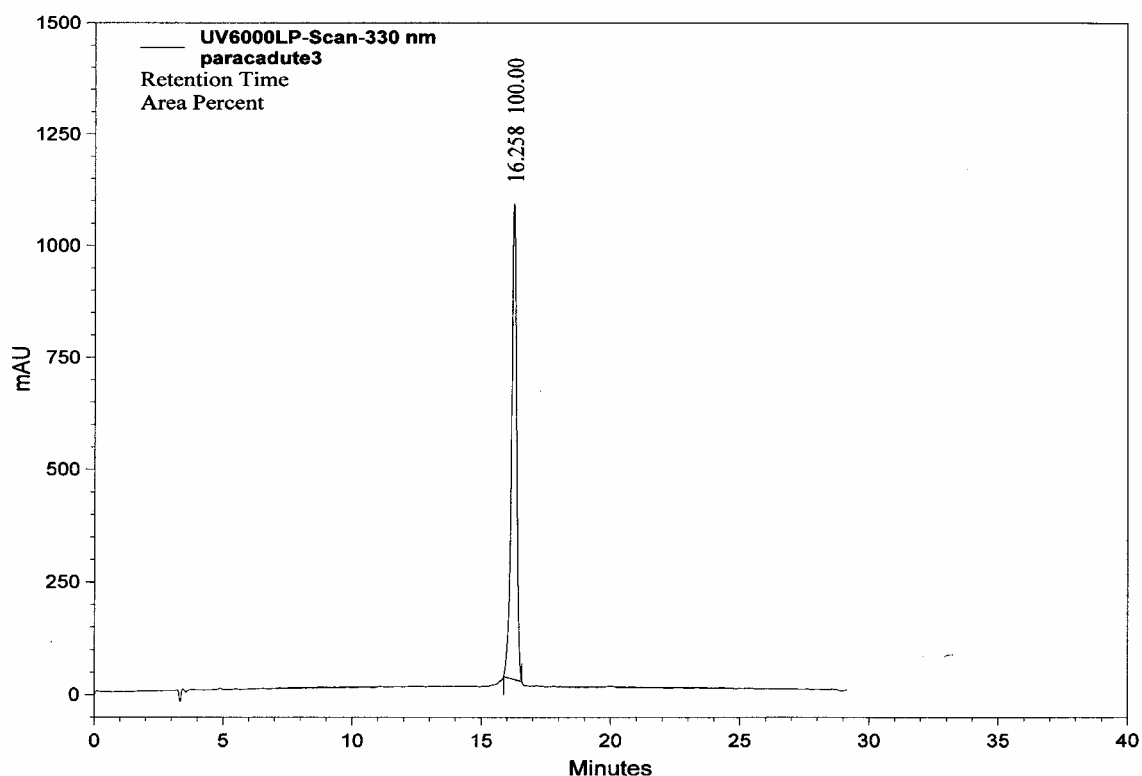


Figure S1. HPLC analysis of derivative **1** carried out with a Phenomenex Luna column (250×4.6 mm, SiO_2 , 5μ) using toluene/ethyl acetate/isopropanol solvent mixtures: eluent A (toluene/ethyl acetate 8:2), eluent B (toluene/isopropanol 9:1). Linear gradient elution: 100% A for 15 min $\rightarrow$ 75% A (within 35 min). Flow = 1 ml/min. UV-Vis detector at 340 nm.

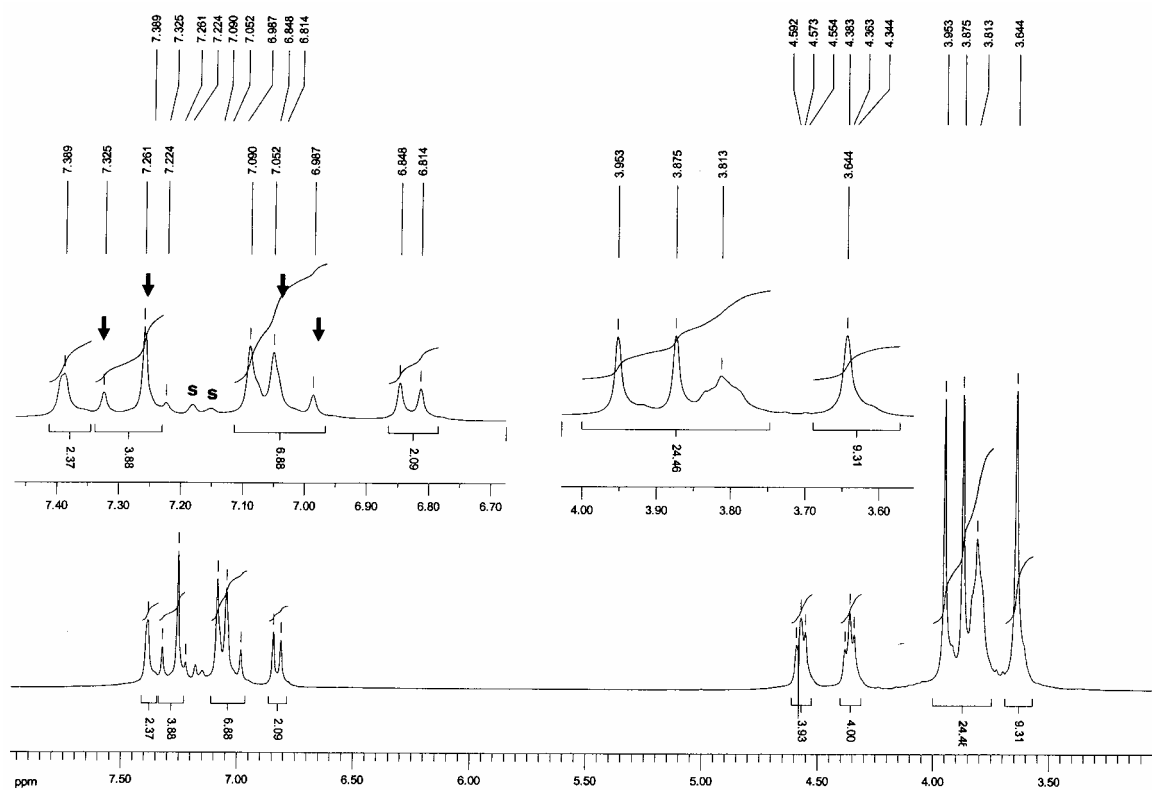


Figure S2. ^1H -NMR (250 MHz, CDCl_3) spectrum of dyad 1. The arrows indicate the AB system of the vinyl protons.

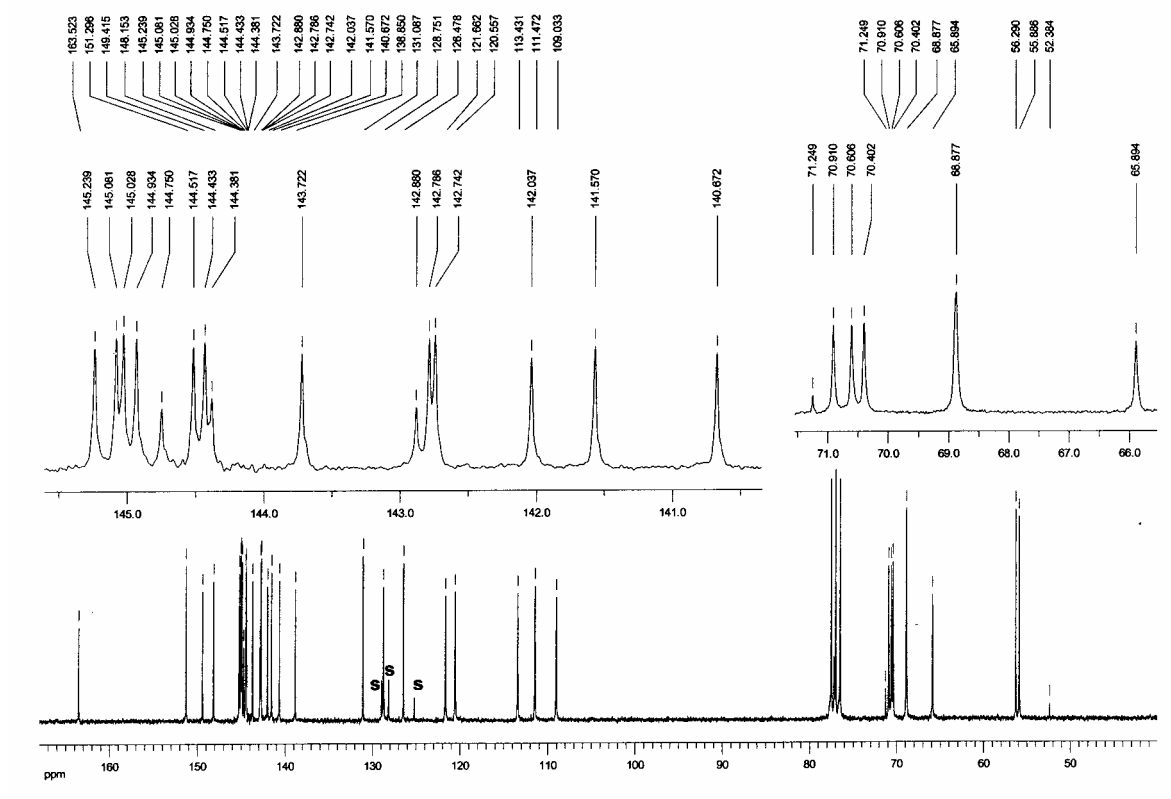


Figure S3. ^{13}C -NMR (62.9 MHz, CDCl_3) spectrum of dyad **1**.

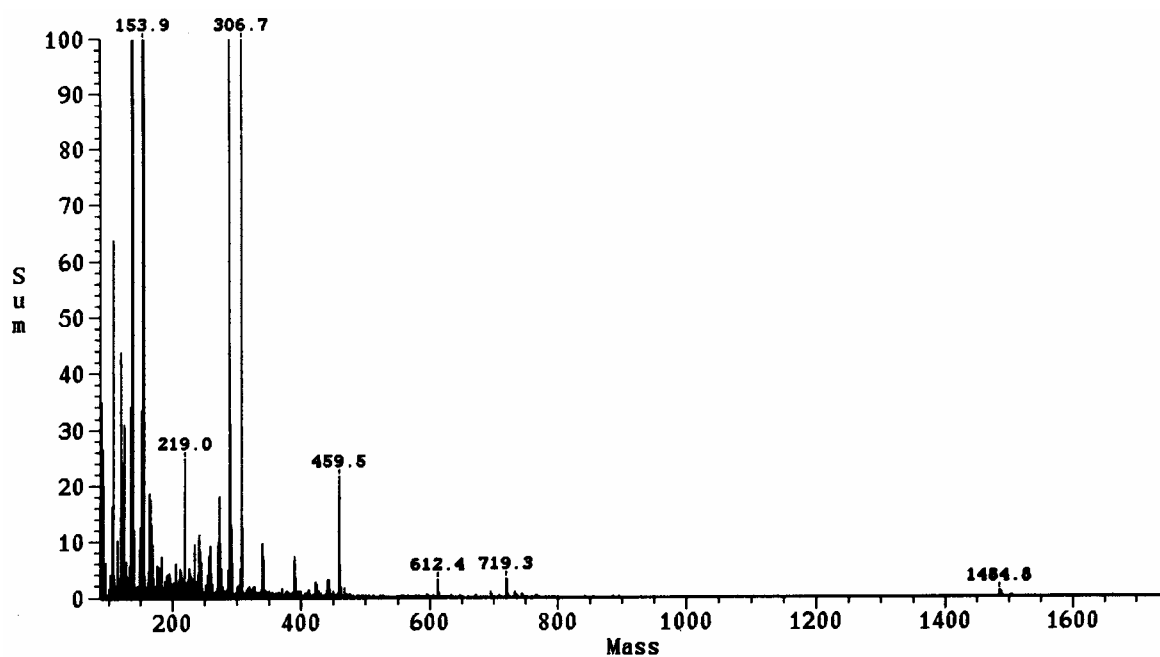


Figure S4. LR-FAB+ mass spectrum of dyad 1 in 3-nitrobenzyl alcohol matrix.

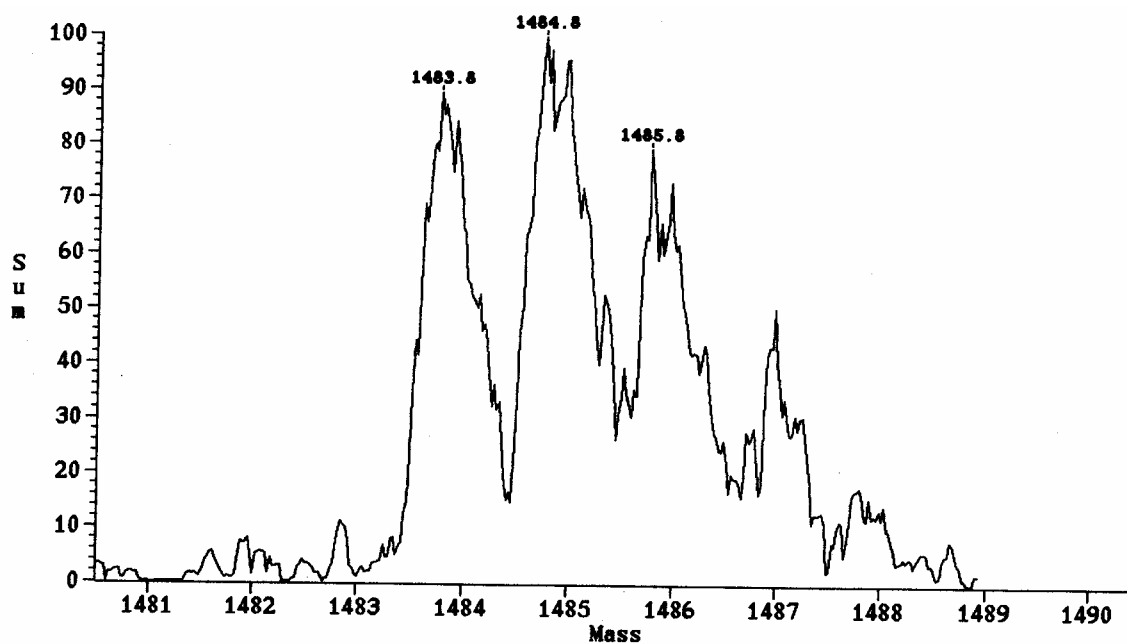


Figure S5. Expansion of the LR-FAB mass spectrum of Figure S4.