

Investigation of the Structure of the Complex Oligomeric Mixture Formed During Grignard Tetramethylation of *N*-benzylphthalimide

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Supporting Information

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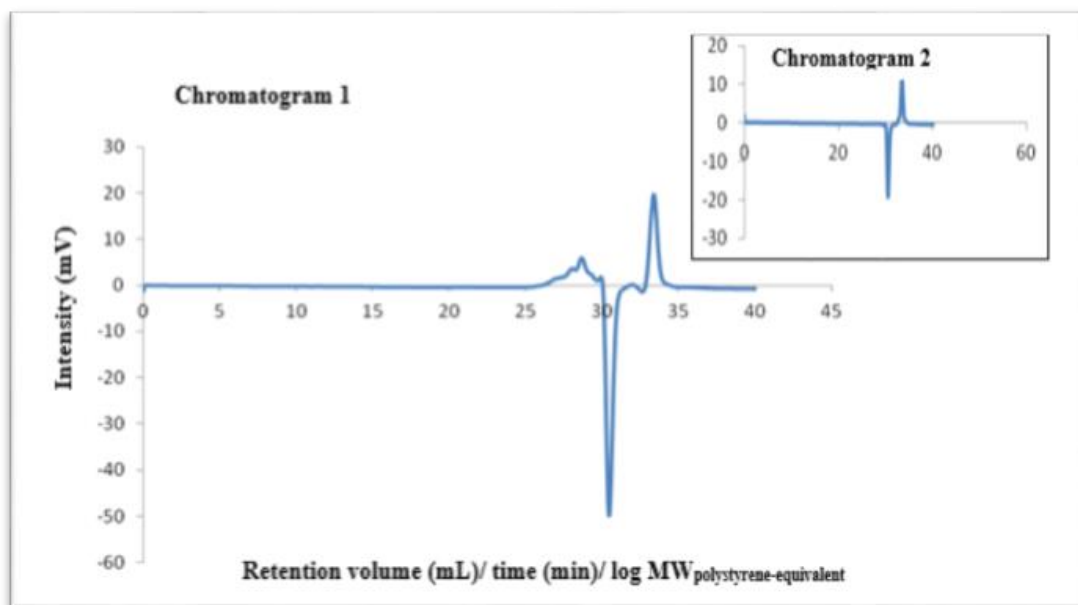


Figure S1. Size Exclusion Chromatogram of the purple coloured oligomer (Chromatogram 1, THF) and the GPC system blank (Chromatogram 2, THF)

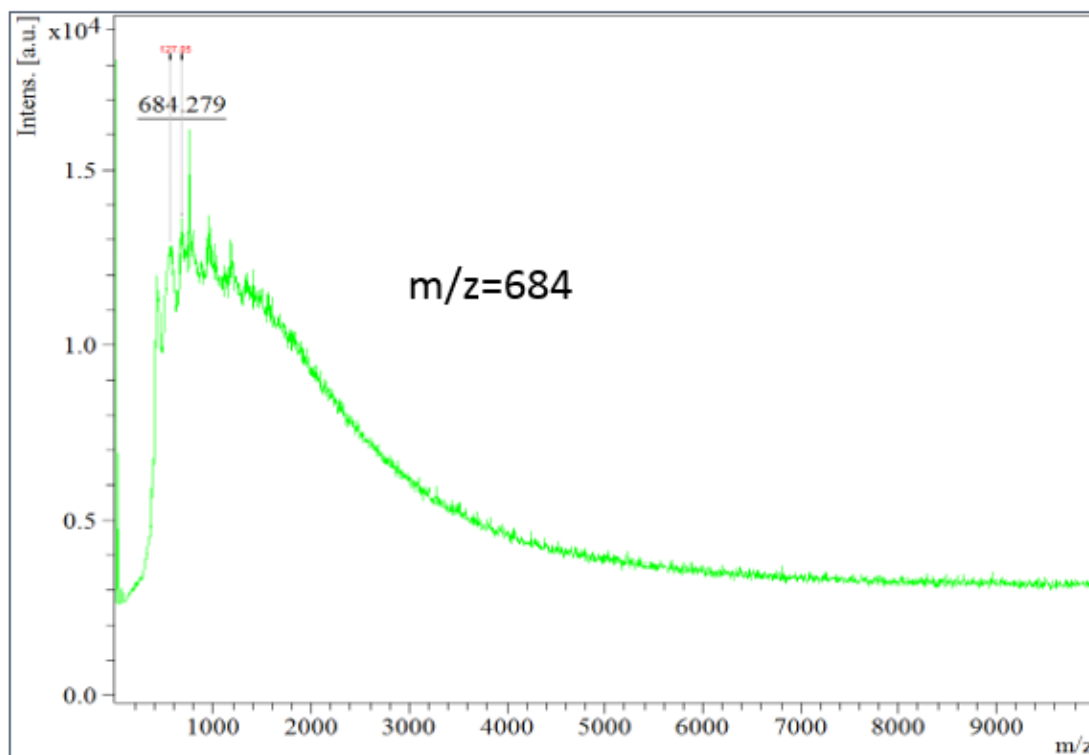


Figure S2. Matrix-assisted laser desorption ionization time-of-flight mass spectrum of the purple-coloured mixture

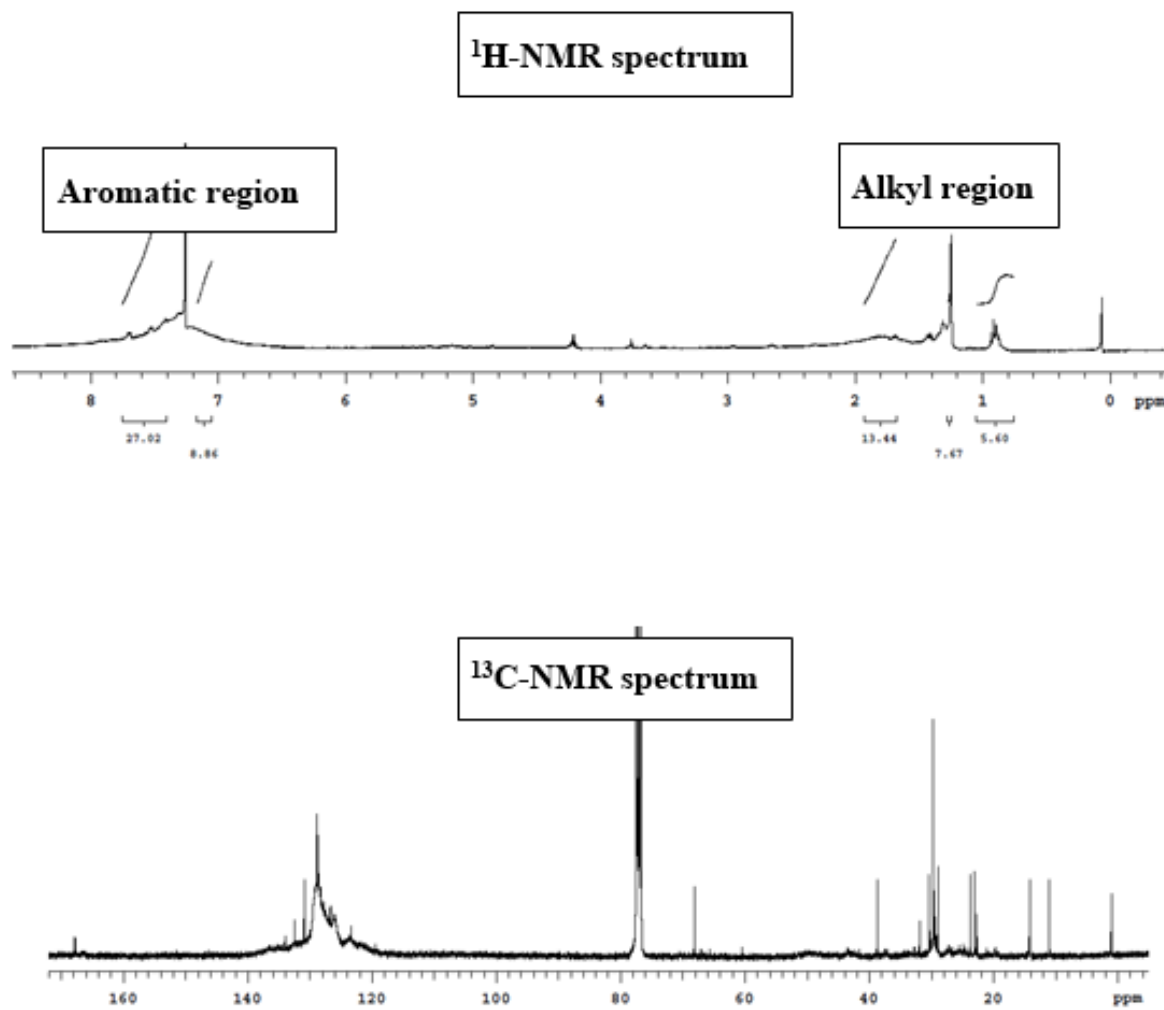


Figure S3. $^1\text{H-NMR}$ (400 MHz, CDCl_3) and $^{13}\text{C-NMR}$ (100 MHz, CDCl_3) spectra of the precipitated purple oligomeric mixture

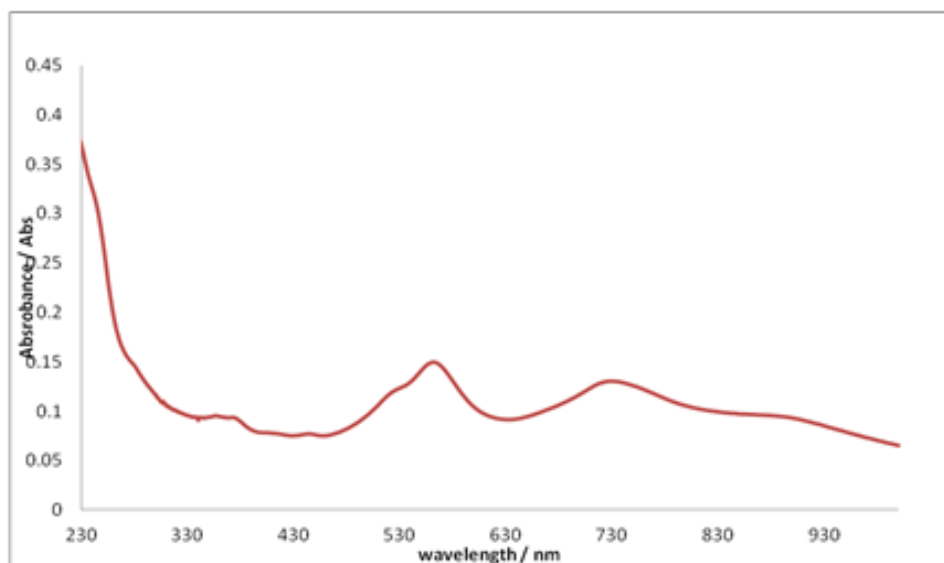


Figure S4. UV-Visible spectrum of the precipitated purple mixture (solvent DCM)