

Supplementary Material for

Light Induced Crosslinking of Main Chain Polybenzoxazines

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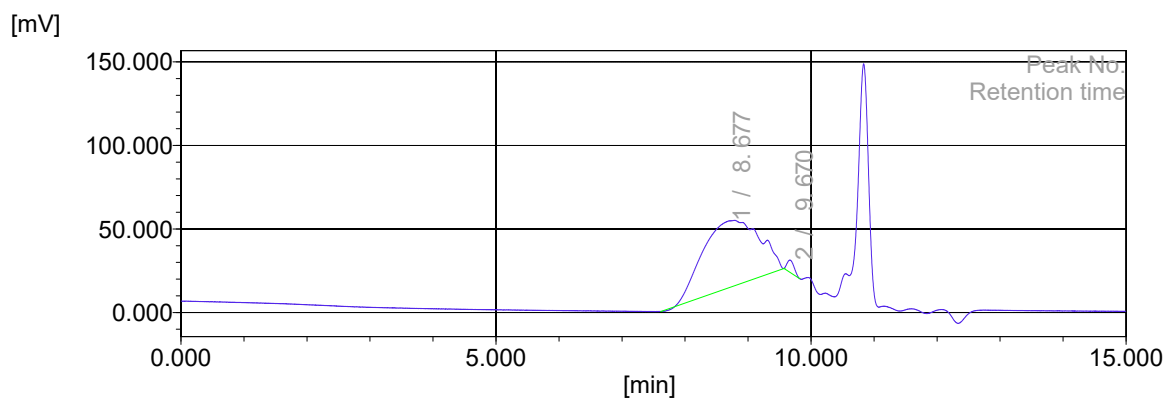


Figure S1: GPC trace of MPBz. Tetrahydrofuran was used as an eluent at a flow rate of 1.0 mL/min.

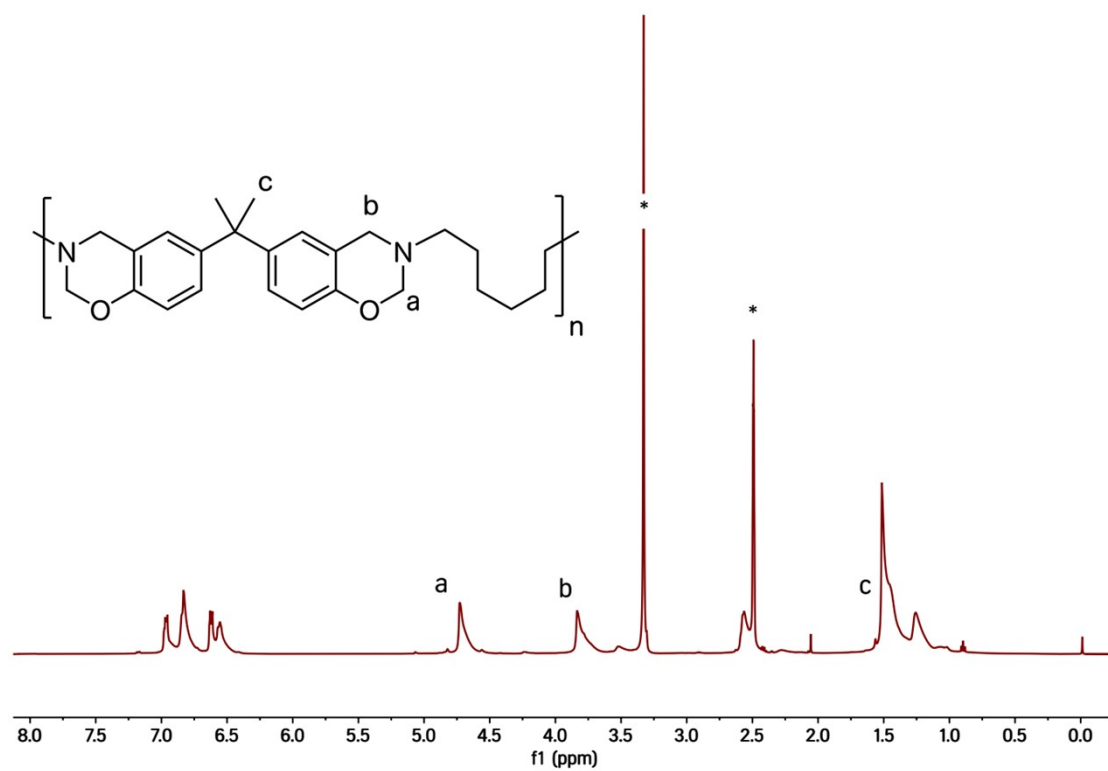


Figure S2: ¹H NMR spectrum of MPBz. *DMSO and water residue in DMSO-d₆

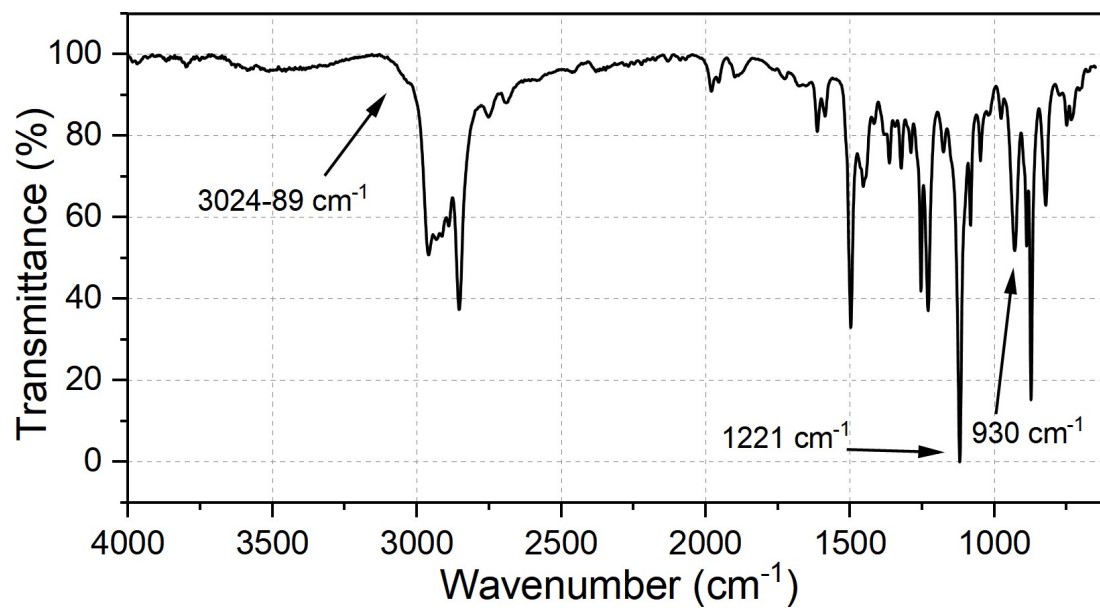


Figure S3: FTIR spectrum of MPBz

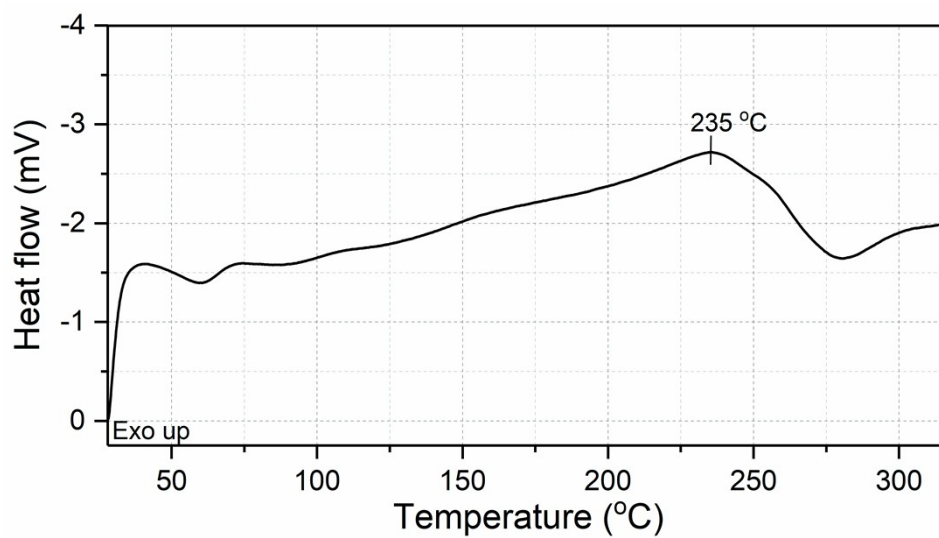


Figure S4: DSC thermogram of MPBz

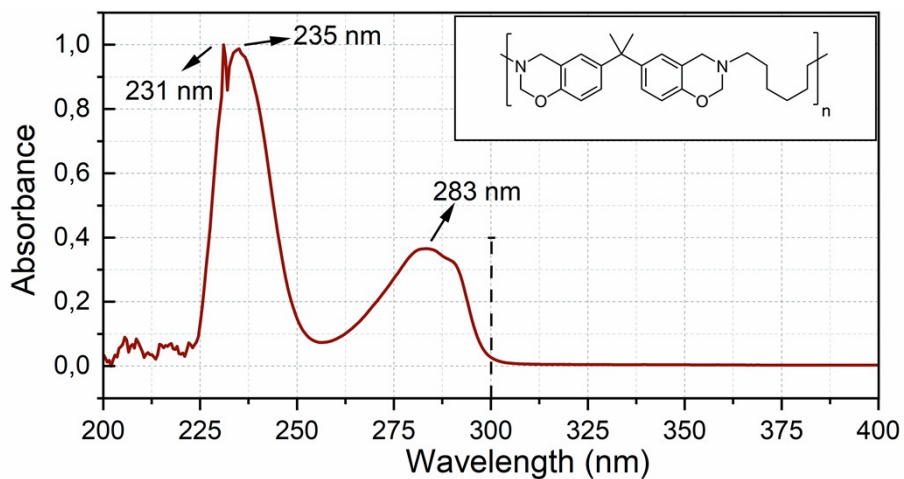


Figure S5: UV-Vis spectrum of MPBz in CH_2Cl_2

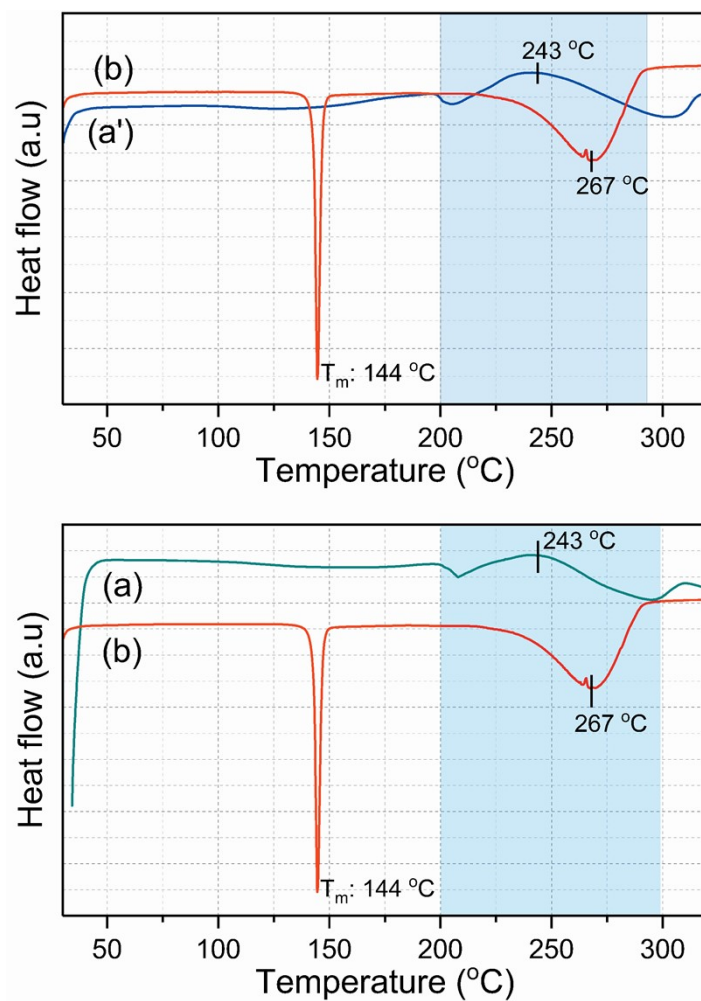


Figure S6: DSC thermograms of MPBz/DPI_{25%-w/w} mixture (a), MPBz/DPI-TX (2:1 mol ratio) (total 25%-w/w) mixture (a') and pristine DPI (b). *Mixtures were photocured initially, then preheated to 180 °C and cooled to 30 °C prior to DSC analyses. (Endotherm down)

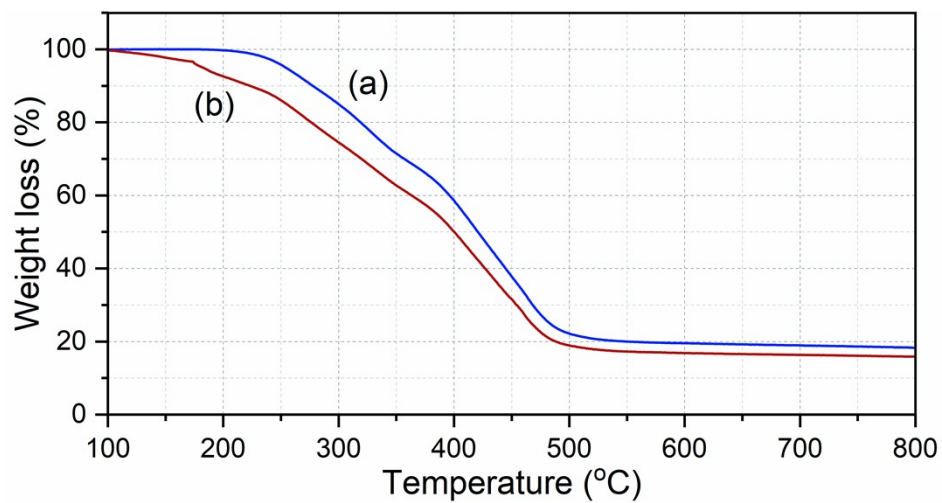


Figure S7: TGA traces of dual cured MPBz @350 nm/180 °C (a) and only photocured MPBz @350 nm