

## Supplementary information

# Photo-sensitive benzoxazine II: Chalcone-containing benzoxazine and its photo and thermal-cured thermoset

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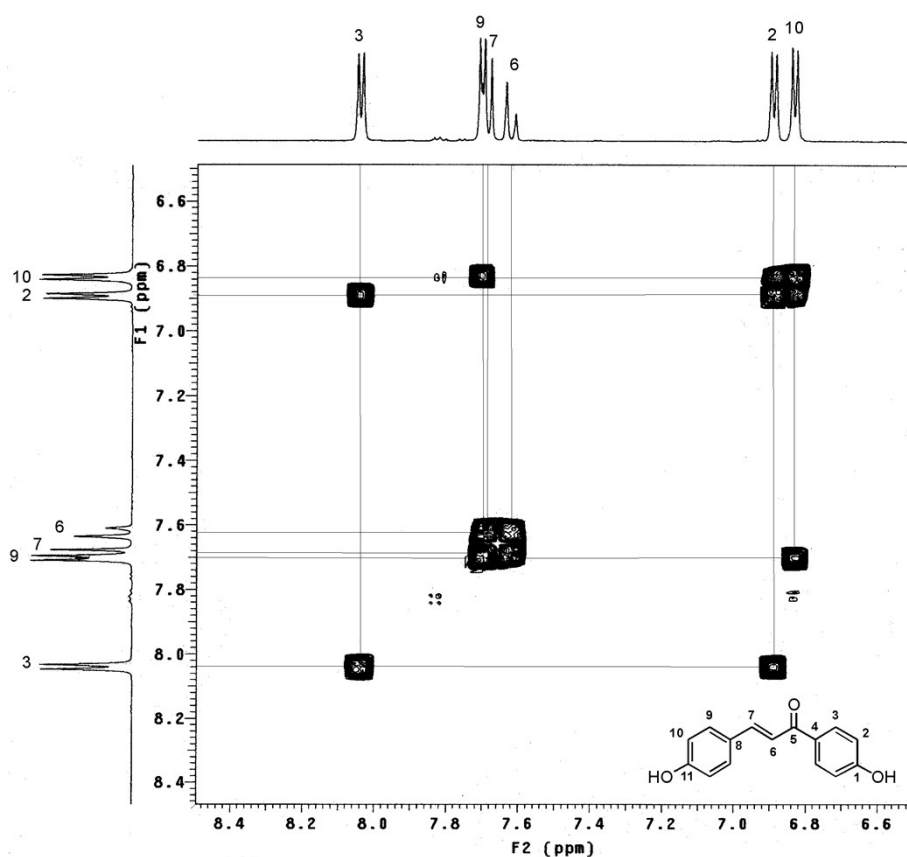


Figure S1. <sup>1</sup>H-<sup>1</sup>H COSY of BHP.

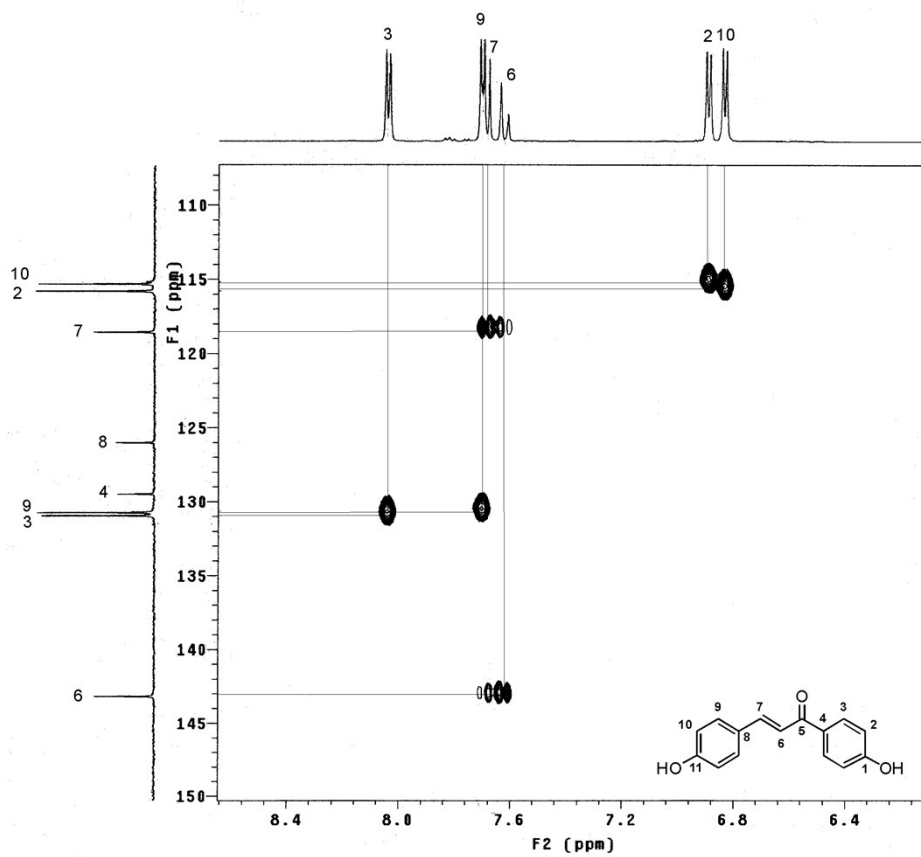


Figure S2.  $^1\text{H}$ - $^{13}\text{C}$  HETCOR of BHP.

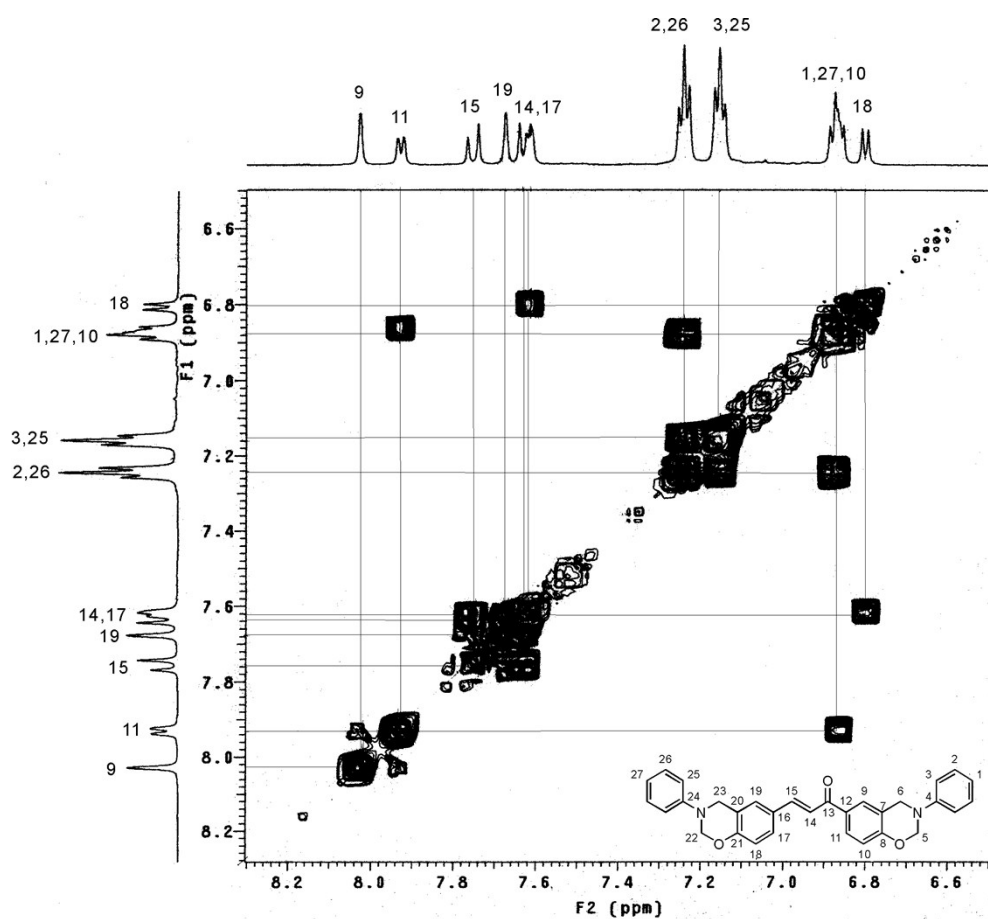
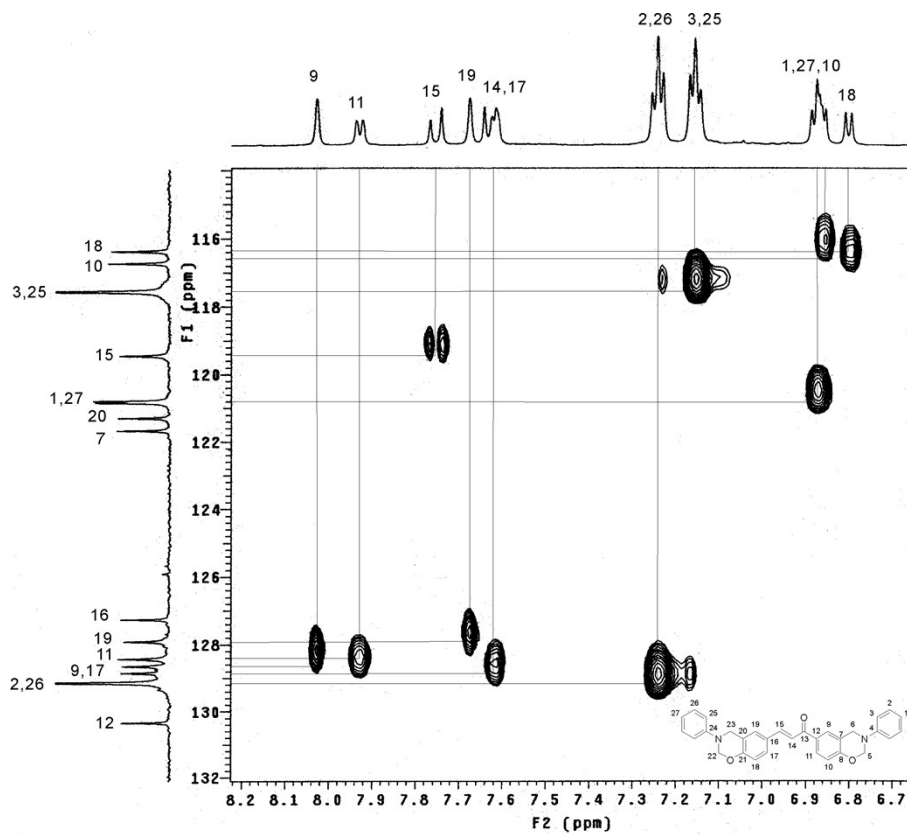
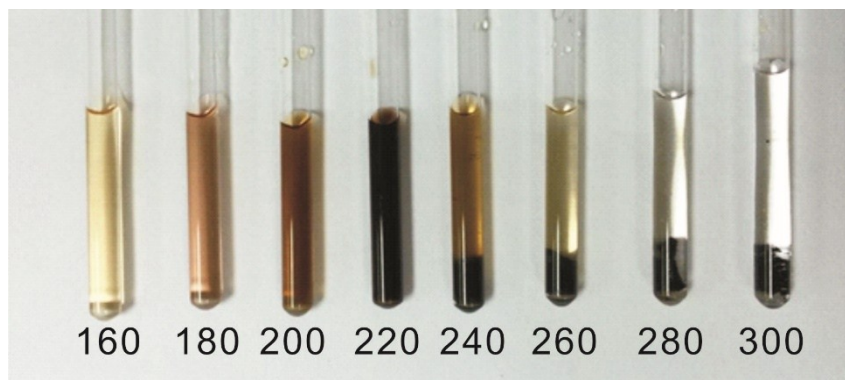


Figure S3.  $^1\text{H}$ - $^1\text{H}$  COSY of BHP-a.



**Figure S4.**  $^1\text{H}$ - $^{13}\text{C}$  HERCOR of BHP-a.



**Figure S5.** A photo of BHP in DMSO after accumulative curing at each temperature for 20 min.