

Phototriggered Micromanufacturing Using Photoresponsive Amorphous Spirooxazine Films

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Electronic Supplementary Information

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ESI-1. DSC charts of SO1-SO5

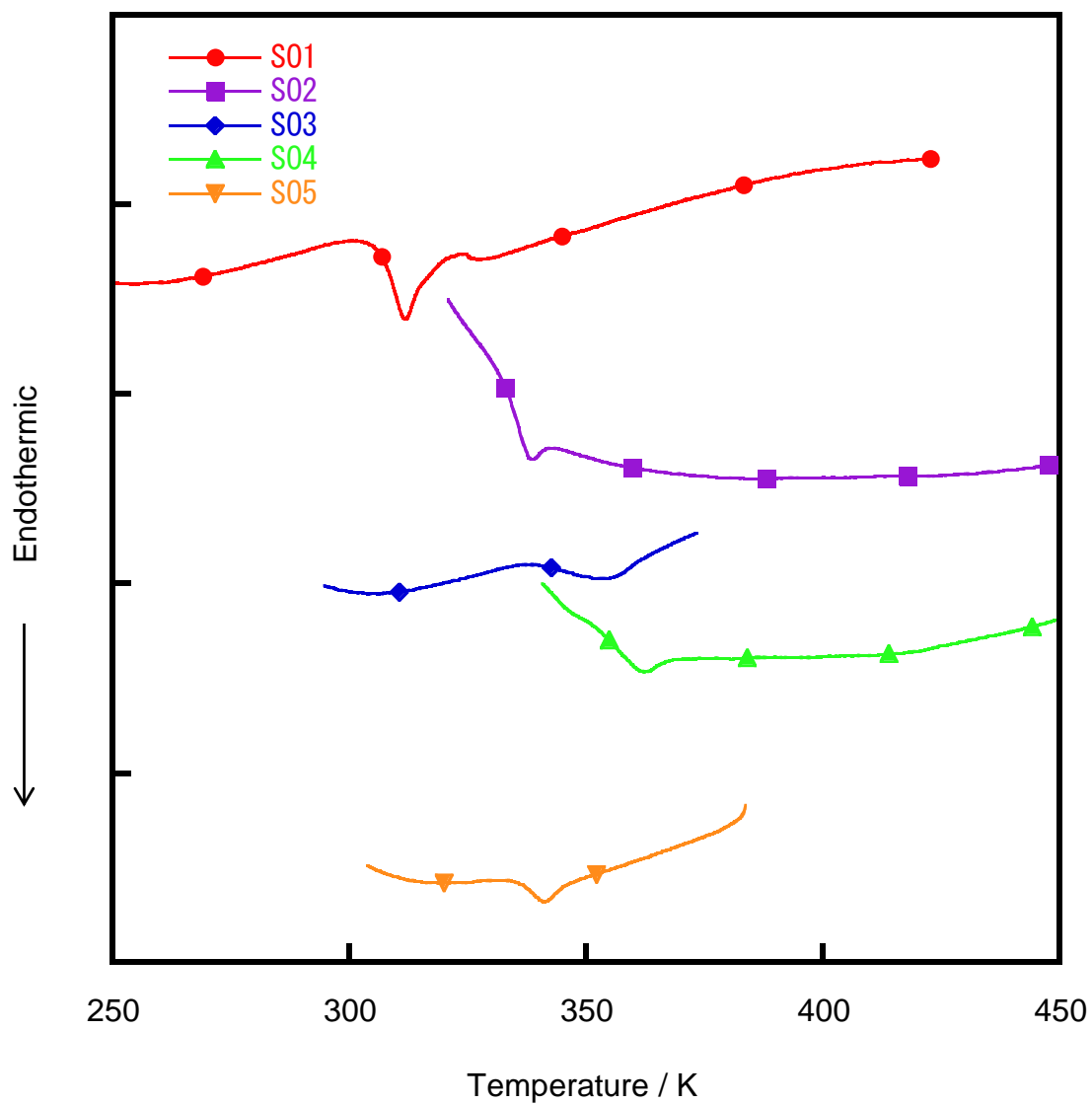


Figure S1. DSC charts of the amorphous glasses of SO1, SO2, SO3, SO4, and SO5.

ESI-2. Change in absorption spectra of SO1-SO5 during UV irradiation

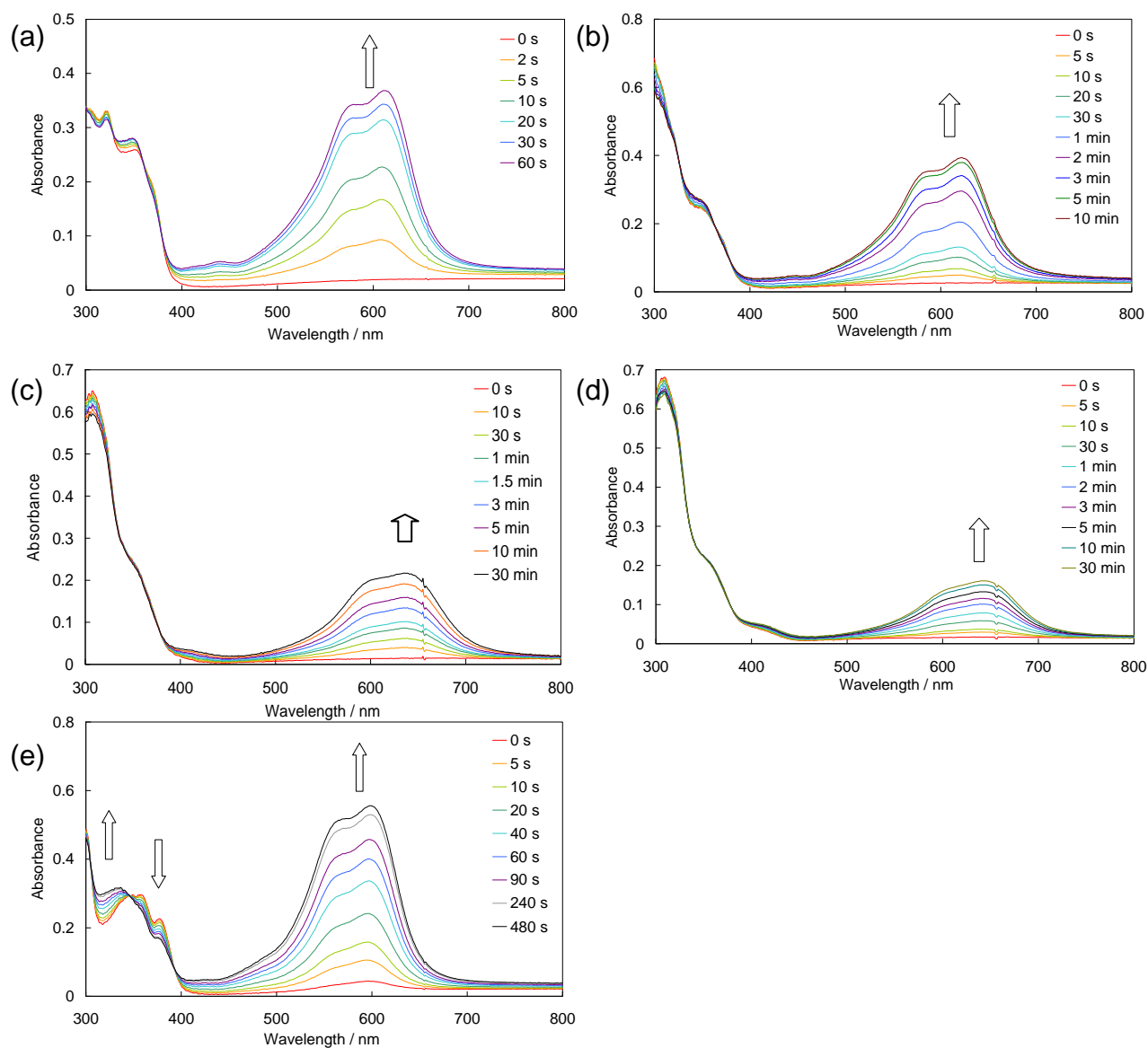
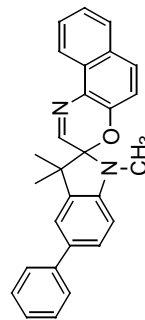


Figure S2. Changes in the UV-vis absorption spectra of the SO film during irradiation with UV light (365 nm , $12 \pm 1.0\text{ mW cm}^{-2}$) under an air atmosphere at r.t. (a) SO1, (b) SO2, (c) SO3, (d) SO4, and (e) SO5.

ESI-3. ^1H NMR spectra of prepared compounds



DFILE: %d I.Y.als
 COMINT: User Yokoyama Yasushi_lab
 DATIM: 15:12:32.875 DRX300@NMRRPC
 OBNUC: ^1H
 EXMOD: zg30
 OBFRQ: 300.13 MHz
 OBSFQ: 1.89 KHz
 OBFIN: 10.00 Hz
 POINT: 32768
 FREQU: 6172.84 Hz
 SCANS: 32
 ACQTM: 5.3085 sec
 PD: 1.0000 sec
 PW1: 11.80 usec
 IRNUC: 20.8 c
 CTEMP: CDC13
 SLVNT: 16.59 ppm
 EXREF: 0.12 Hz
 BF: 812
 RGAIN:

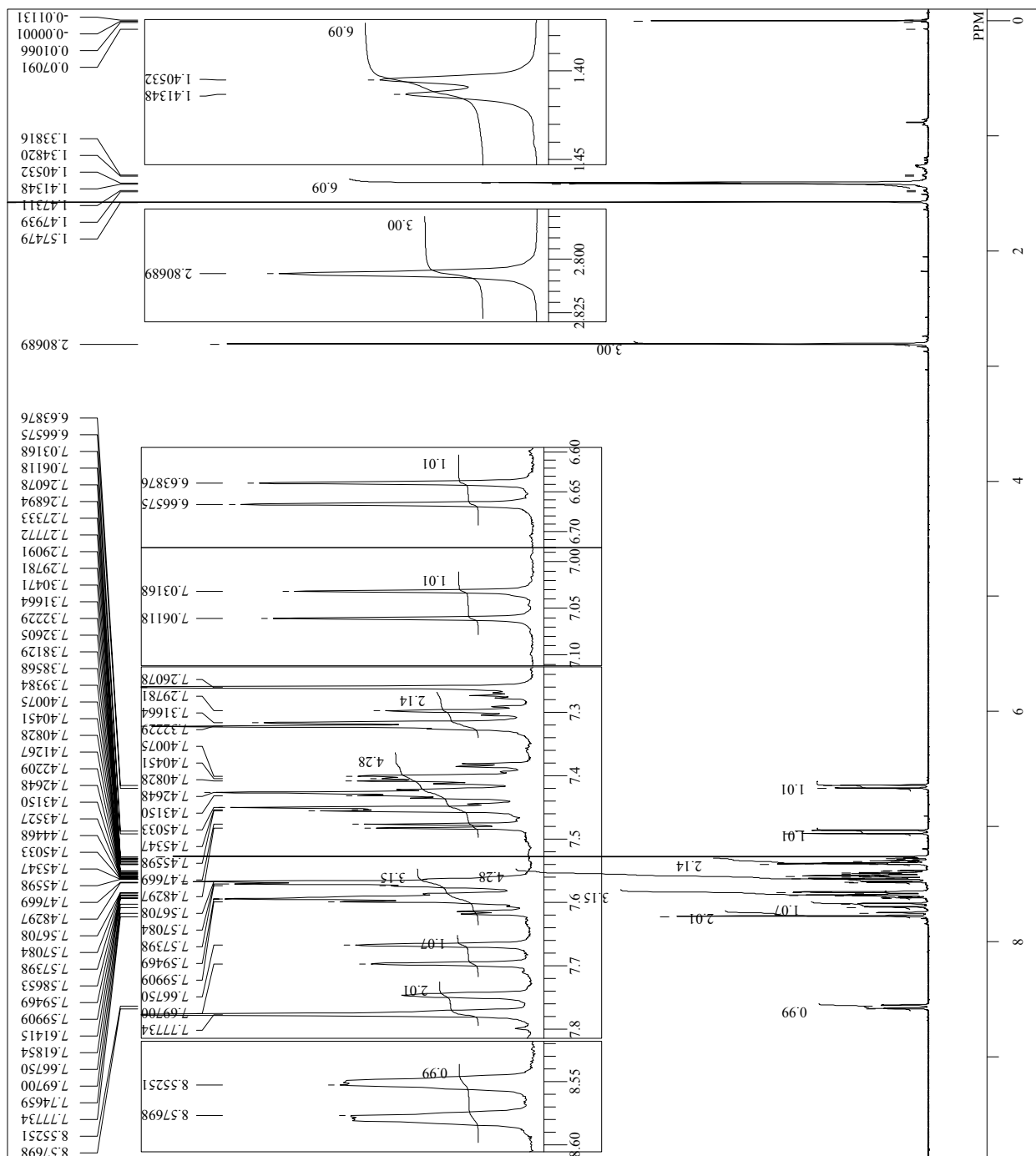


Figure S3 ^1H NMR spectrum of SO2 (300MHz, CDCl₃, TMS)

