Electronic Supplementary Material (ESI) for Dalton Transactions.

Synthesis of dithienogermole-containing oligo- and polysilsesquioxanes as luminescent materials

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Supporting Information

Contents

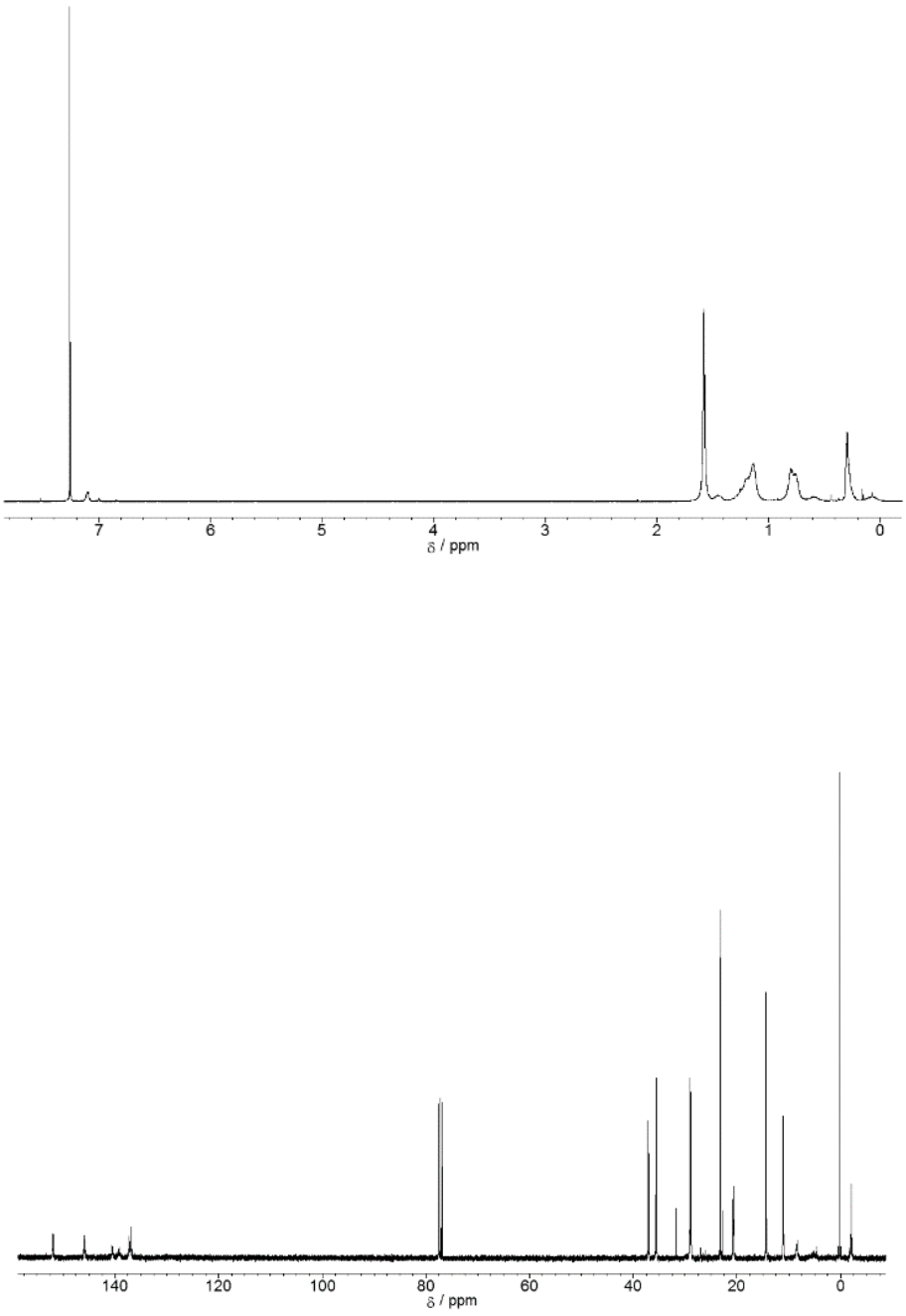


Figure S-1. ^{1}H (top) and ^{13}C NMR (bottom) spectra of **DTG1-POSS** in $CDCl_3$

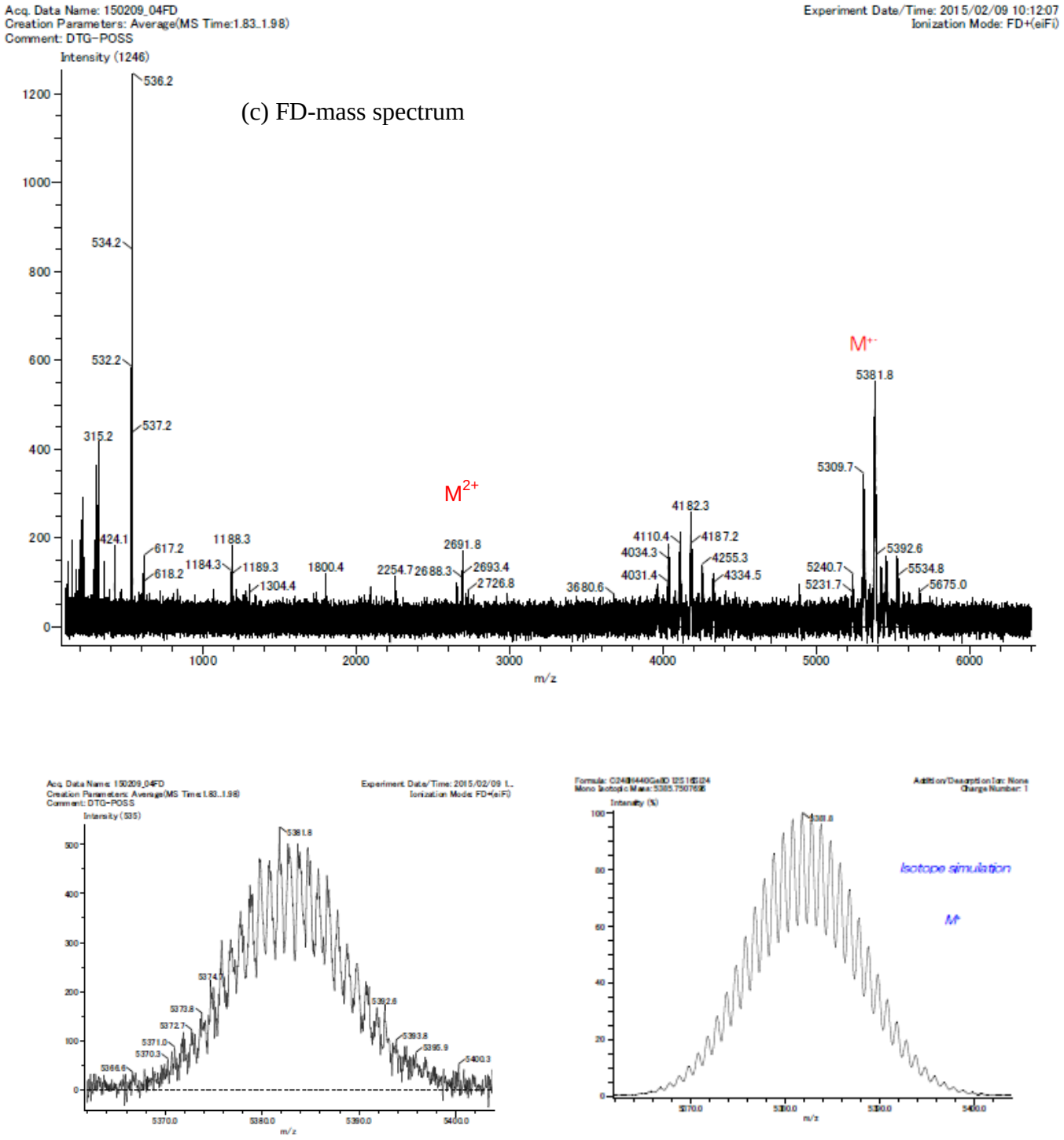


Figure S-2. FD-mass spectra (c) of **DTG1-POSS** (top). Expansion of molecular ion signals (bottom left) and simulated ones (bottom right).

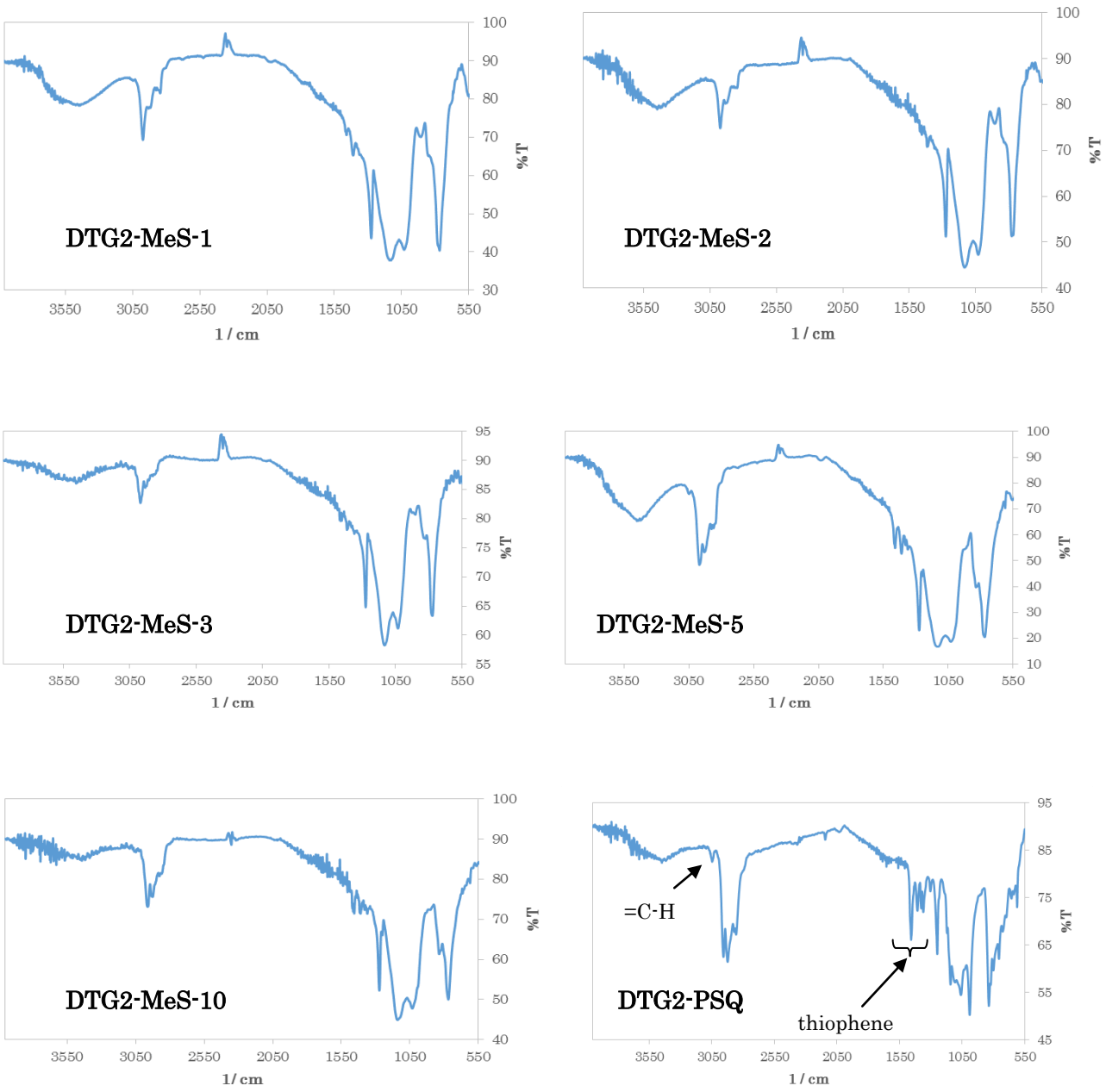


Figure S-3. IR spectra of **DTG2-PSQ** and **DTG2-MS**.

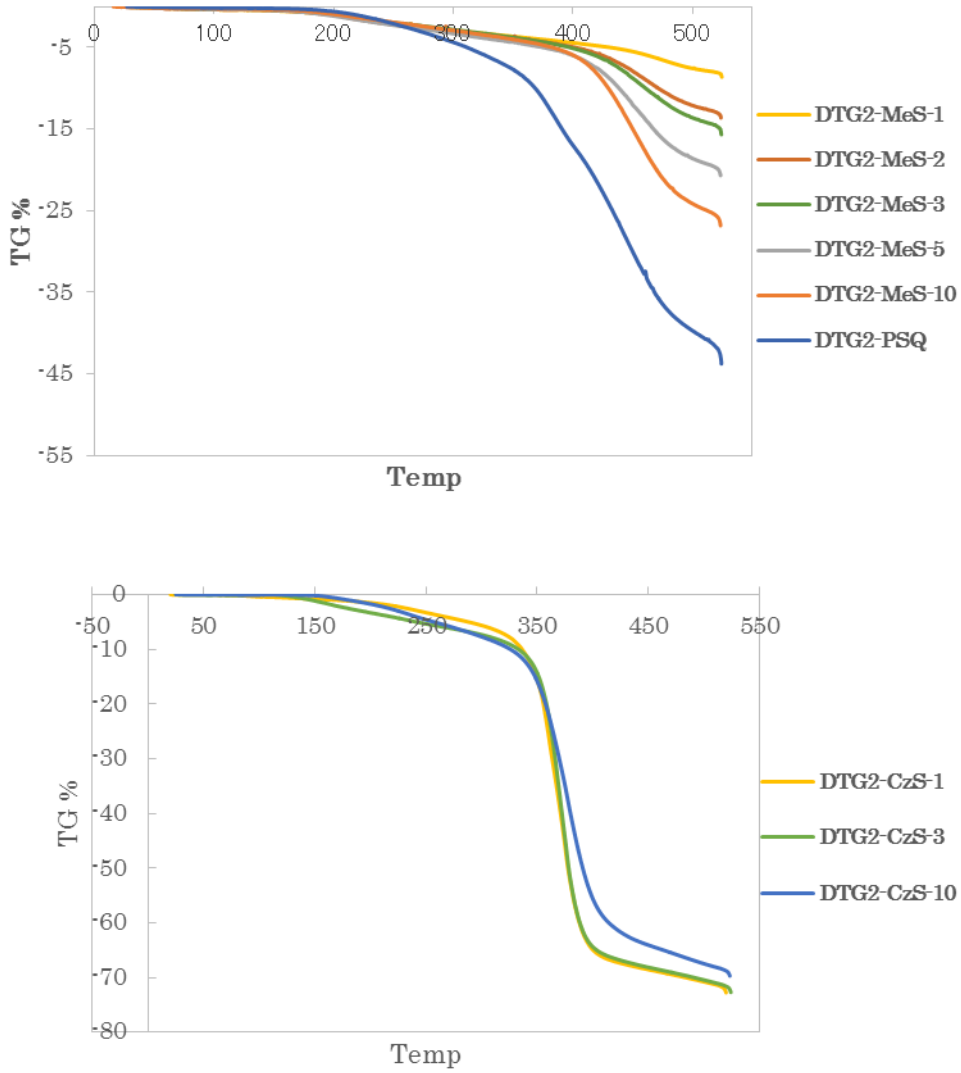


Figure S-4. TGA traces of **DTG2-MeS** and **DTG2-PSQ**.

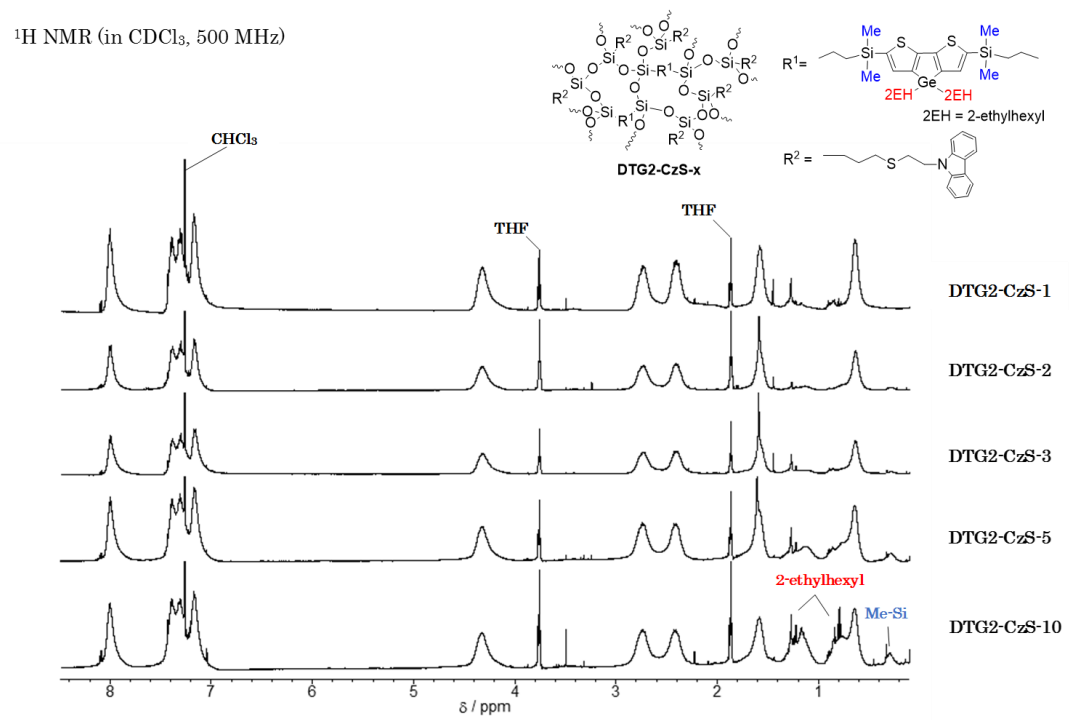
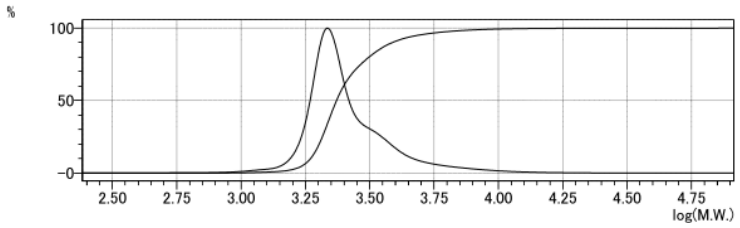
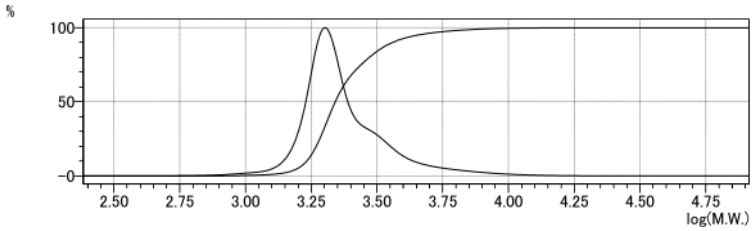


Figure S-5. ^{1}H NMR spectra of **DTG2-CzS**.



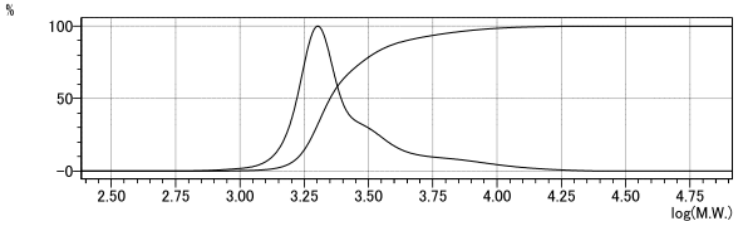
DTG2-CzS-1

M_n = 2432, M_w = 2650



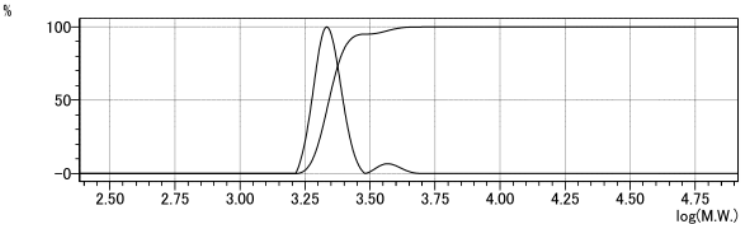
DTG2-CzS-2

M_n = 2259, M_w = 2529



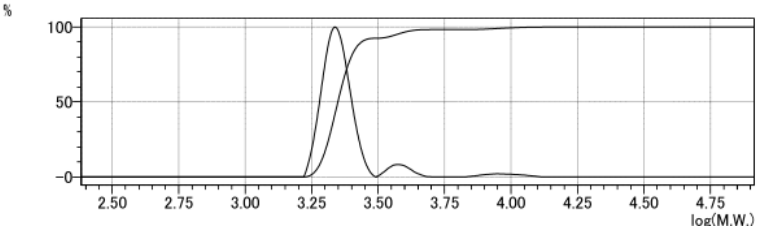
DTG2-CzS-3

M_n = 2327, M_w = 2688



DTG2-CzS-5

M_n = 2175, M_w = 2212



DTG2-CzS-10

M_n = 2305, M_w = 2545

Figure S-6. GPC trace of **pDTG2-CzS** using THF as eluent.

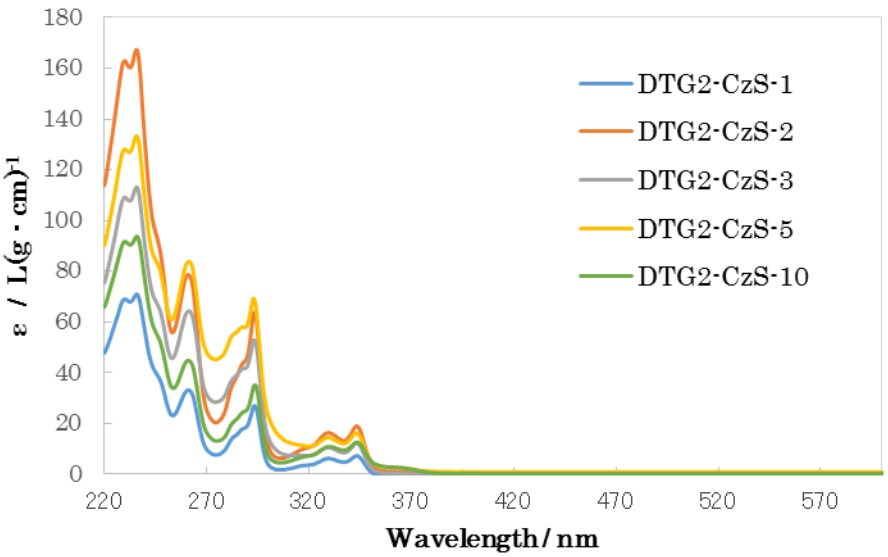


Figure S-7. UV absorption spectra of **DTG2-CzS**.