Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Highly Efficient Ultraviolet Light-Emitting Organosoluble Polyimide

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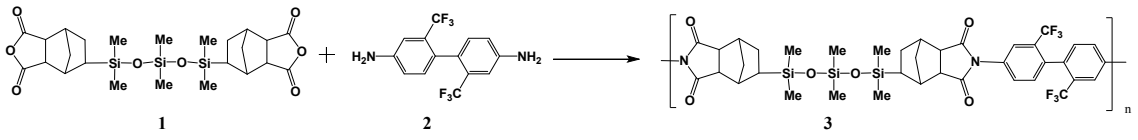

Scheme S1. Synthetic route of polyimide 3

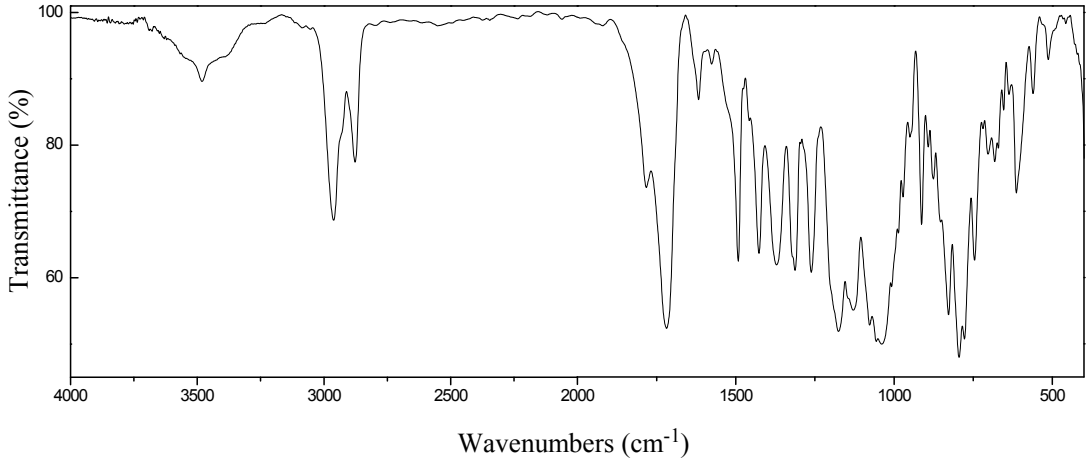

Figure S1. FT-IR spectrum of polyimide **3**.

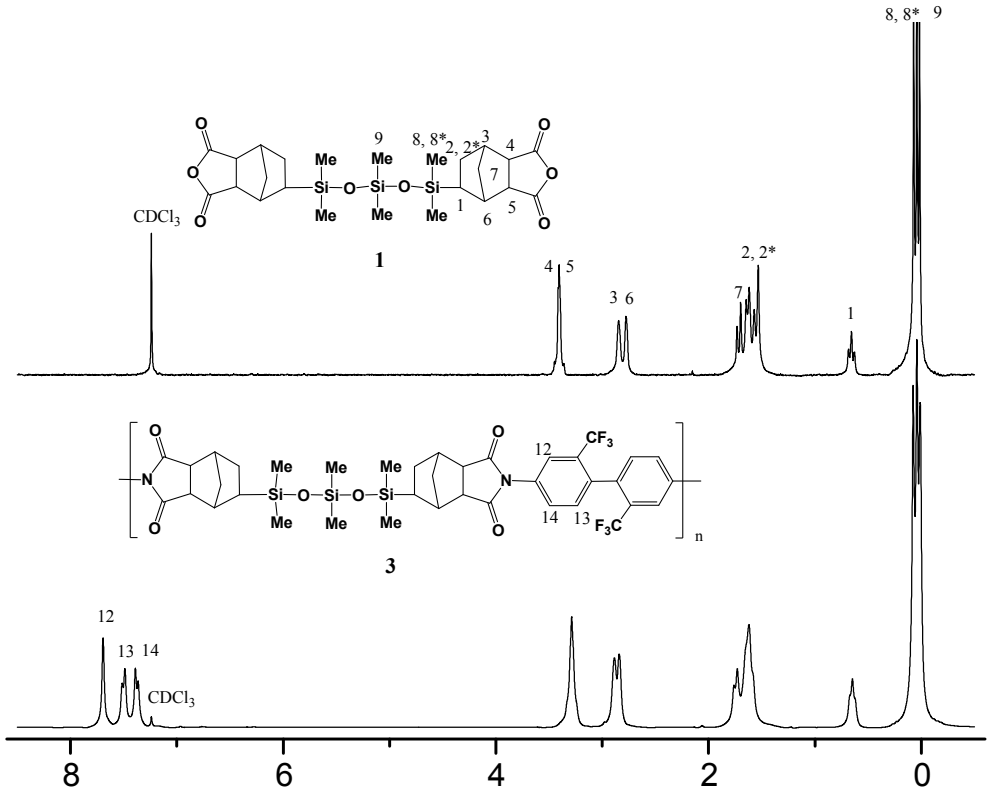

Figure S2. ^{1}H-NMR spectra of monomer **1**, and polyimide **3** in $CDCl_3$.

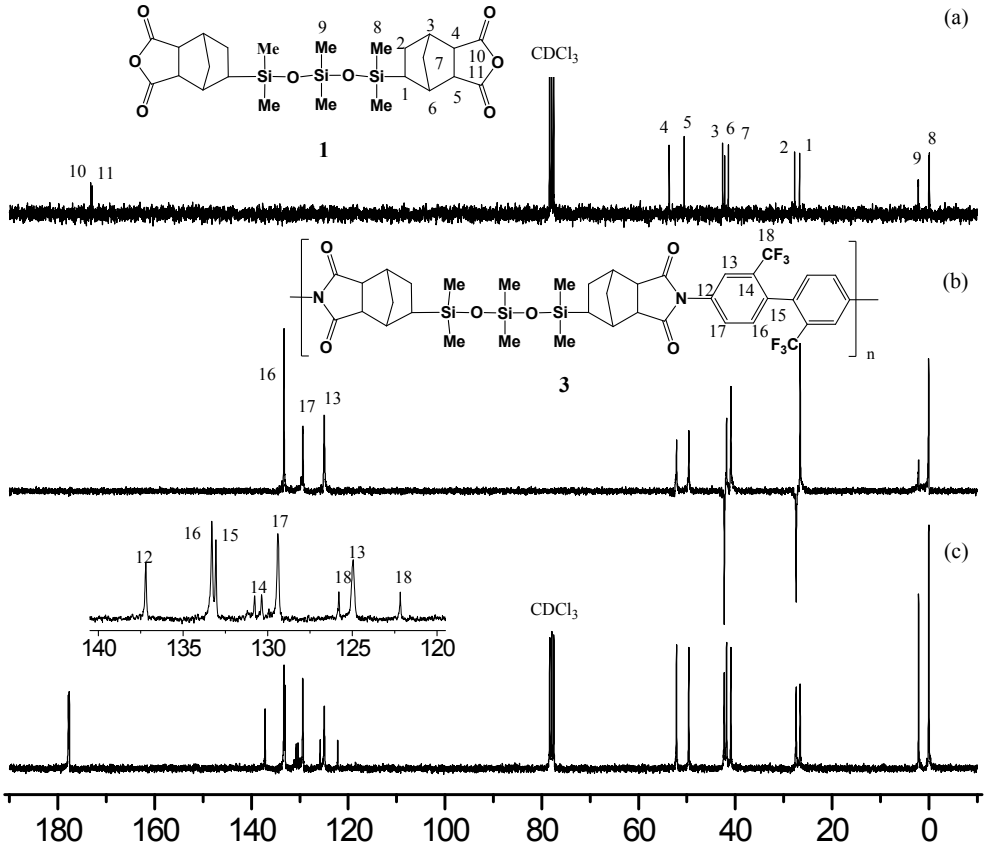

Figure S3. ^{13}C-NMR spectra of monomer **1** (a), polyimide **3** (c) and ^{13}C /DEPT90 (b) in $CDCl_3$.

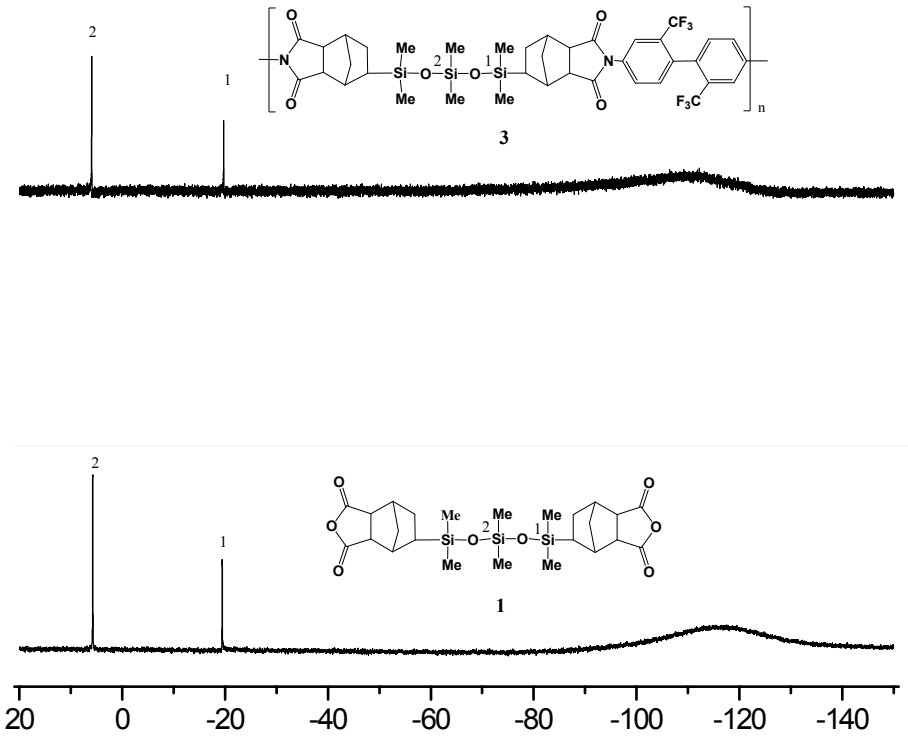

Figure S4. ^{29}Si-NMR spectra of monomer **1** and polyimide **3** in $CDCl_3$.

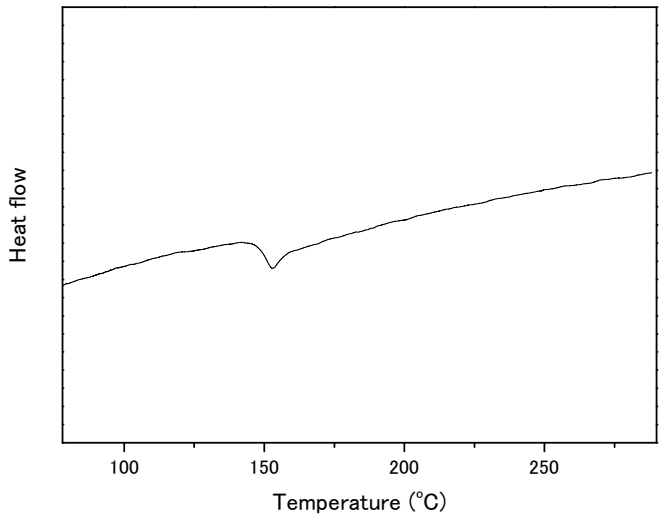

Figure S5. DSC curves of polyimide **3** in N_2 with a heating rate of 10 °C/min.

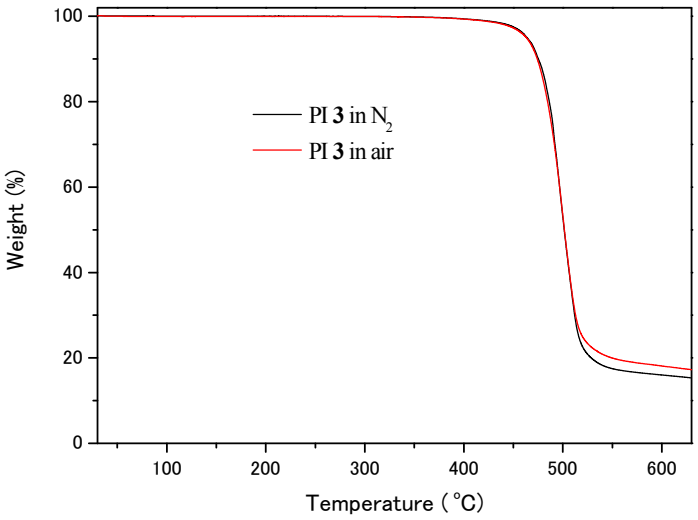

Figure S6. TGA curves of polyimide **3** in N_2 and air with a heating rate of 10 ^{o}C/min.