ELECTRONIC SUPPLEMENTARY INFORMATION

Solid-state fluorescence host complex formed by assembly of two-dimensional layered network structure composed of 2,6-naphthalenedicarboxylic acid and 2-naphthylethylamine

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Fig. ESI-1 $^1$H-NMR spectrum of complex II.

Fig. ESI-2 $^1$H-NMR spectrum of complex III.
**Fig. ESI-3** Optical absorption spectrum (the Kubelka-Munk functions derived from the DRS) of complex **III**.