## SUPPORTING INFORMATION

## Mixed Linker Strategy for Construction of a Fluorescent 2D Network Based on [Ag<sub>2</sub>(COO)<sub>2</sub>] as Secondary Building Unit

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Figure S1. Observed and calculated PXRD patterns of 1.

Figure S2. IR spectrum of 1.

Figure S3. Representation of the C–H··· $\pi$  interactions in the crystal structure of 1.

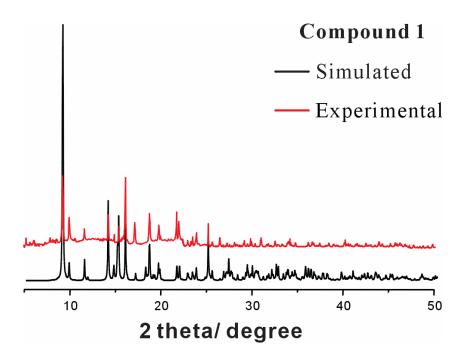


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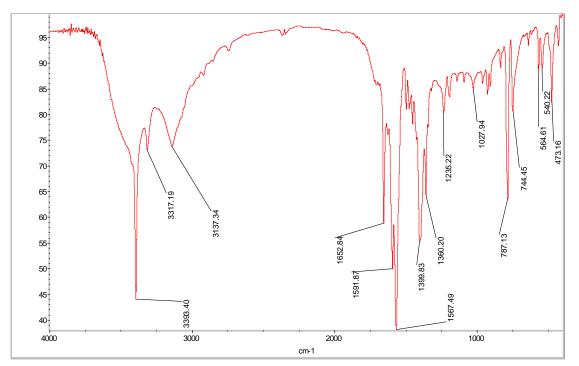
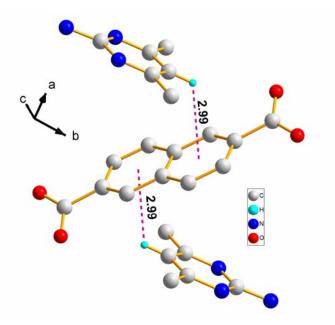


Figure S2. IR spectrum of 1.



**Figure S3**. Representation of the C–H··· $\pi$  interactions in the crystal structure of **1**.