Supporting Information for

Synthesis, Structure and Luminescence of Co-crystals with Hexagonal Channels: Arranging Disposition and π-π Interactions

Gui-Ge Hou,* Hui-Juan Zhao, Ju-Feng Sun, Dong Lin, Xian-Ping Dai, Jing-Tian Han, Hui Zhao

Binzhou Medical University, Yantai, 264003, P. R. China.

* To whom correspondence should be addressed, Email: guigehou@163.com
Fig. S1. The PXRD patterns (black lines) obtained from the as-synthesized solids of 1-2 at room temperature and the simulated PXRD patterns (blue lines) from single crystals of 1-2.
**Fig. S2.** The PXRD patterns (black lines) obtained from the as-synthesized solids of 3-4 at room temperature and the simulated PXRD patterns (blue lines) from single crystals of 3-4.
$^1$HNMR Co-crystal 3

DMSO
**$^1$HNMR Co-crystal 4**

**IR Co-crystal 1**
IR Co-crystal 2

IR Co-crystal 3
IR Co-crystal 4