

Supplementary Information

Fig. S1 The measured powder X-ray diffraction plots of **1** (upper) and **2** (lower)

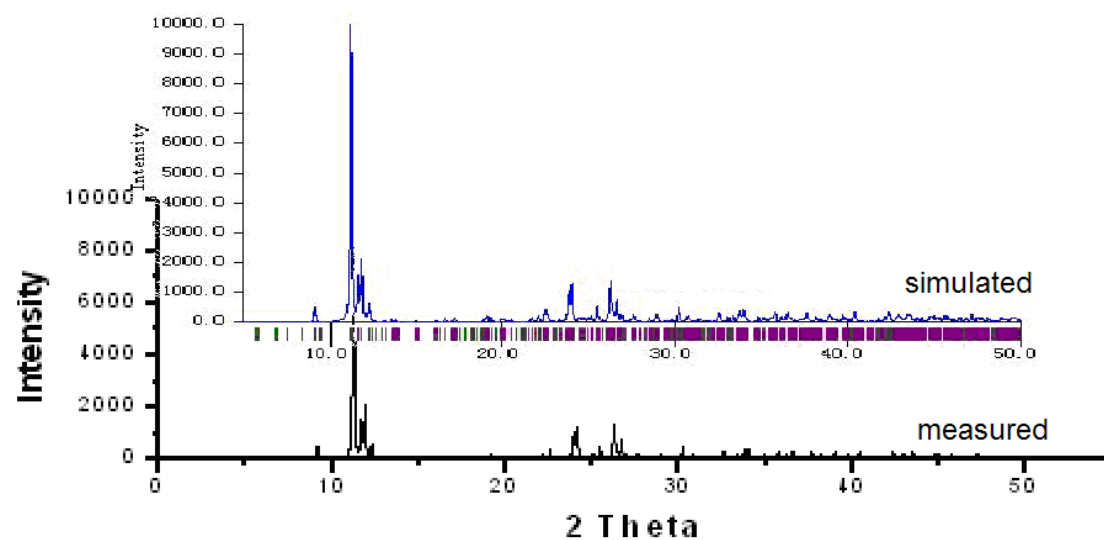
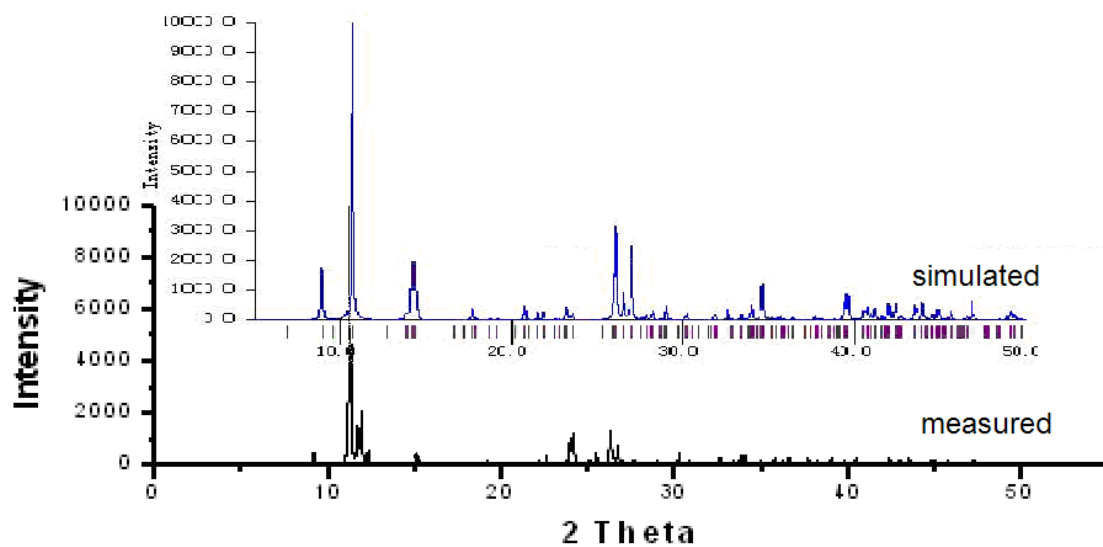


Fig. S2. The crystal packing pattern of **1**, viewed in *a-c* plan (upper) and along and *c* (lower)

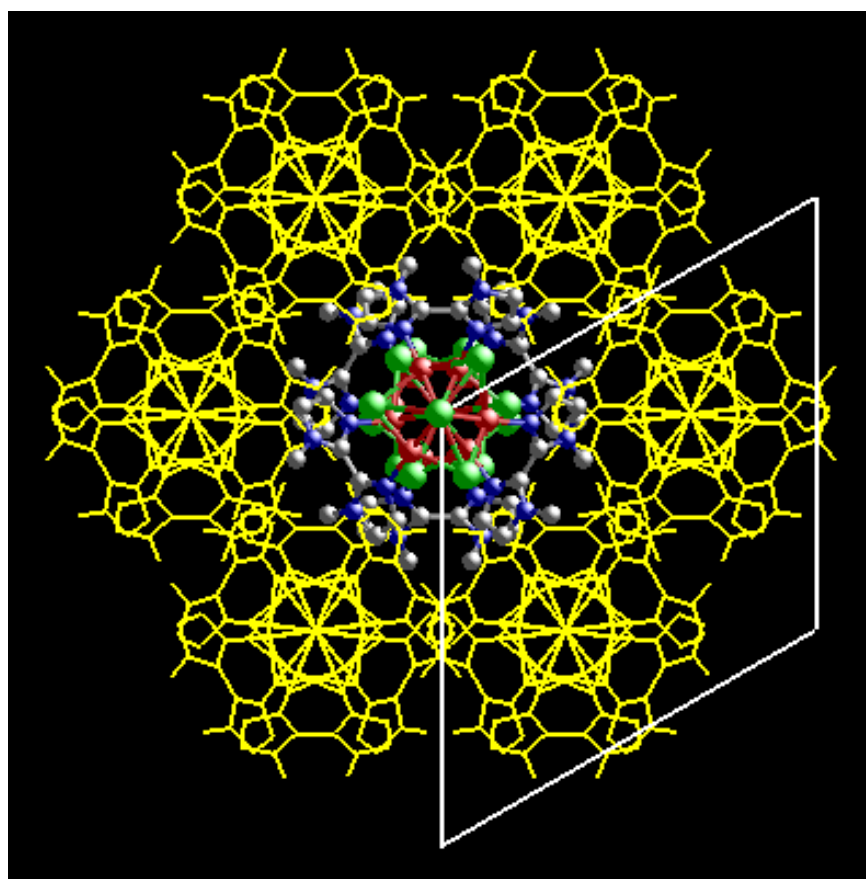
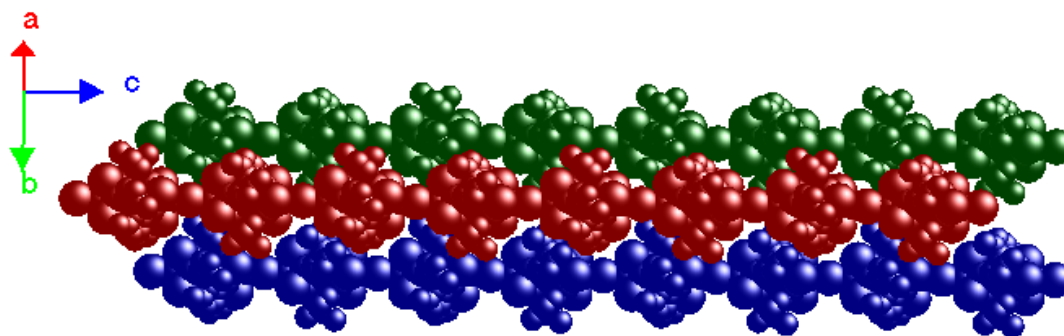


Fig. S3 The parallel π - π interaction presenting among the entities of **1**

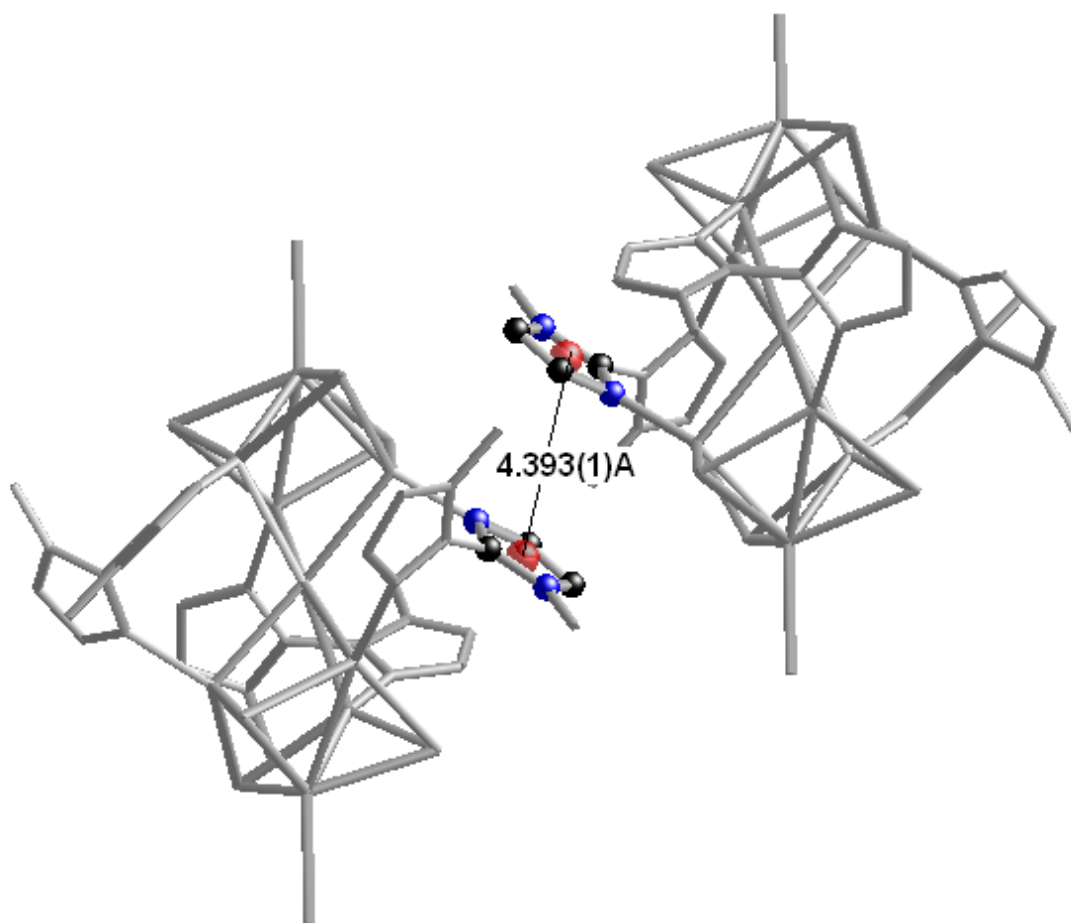


Fig. S4 The structures of 1,1'-DMBIM (left) and zwitterionic 1,3-DMBIM (right)

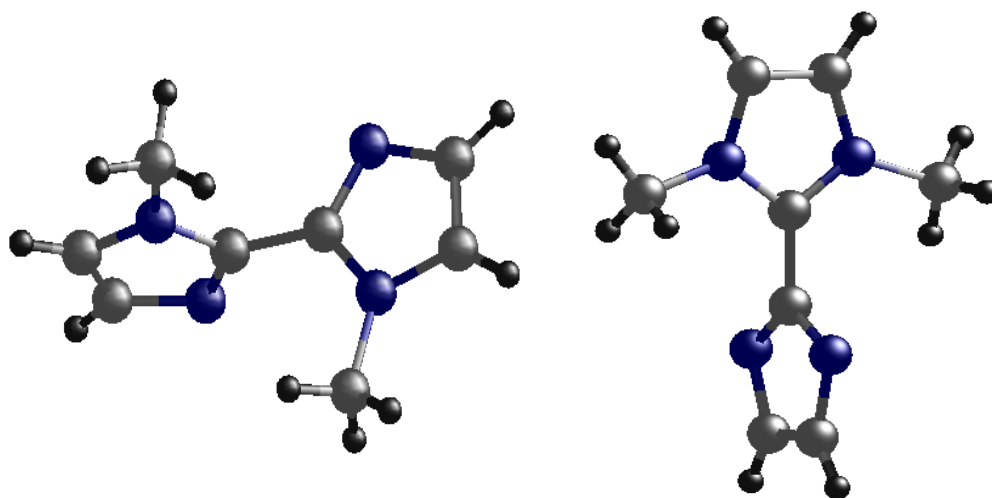


Fig. S5 The stoichiometry-discriminated assemblies of ICCs of **1** (left) and **2** (right)

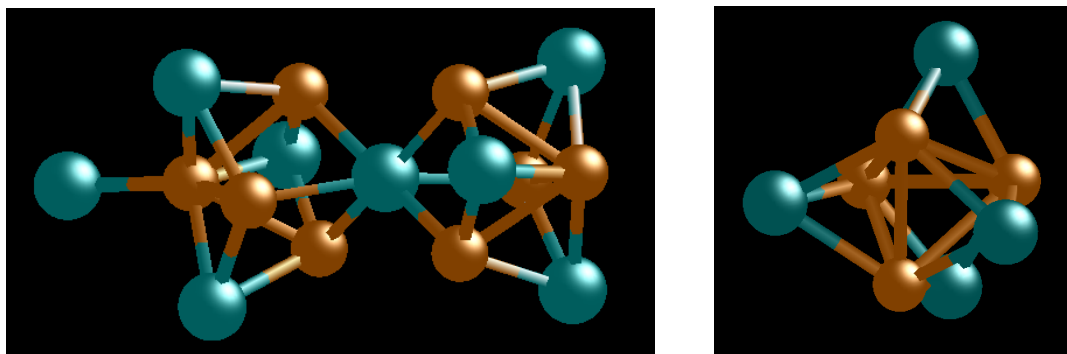


Fig. S6 The varied-temperature emission spectra of **1** (left) and **2** (right)

