Electronic Supplementary Material (ESI) for CrystEngComm

Alternative solid-state forms of a potent anti-malarial aminopyridine: X-ray crystallographic, thermal and solubility aspects

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Supporting Information

Figs S1-S4

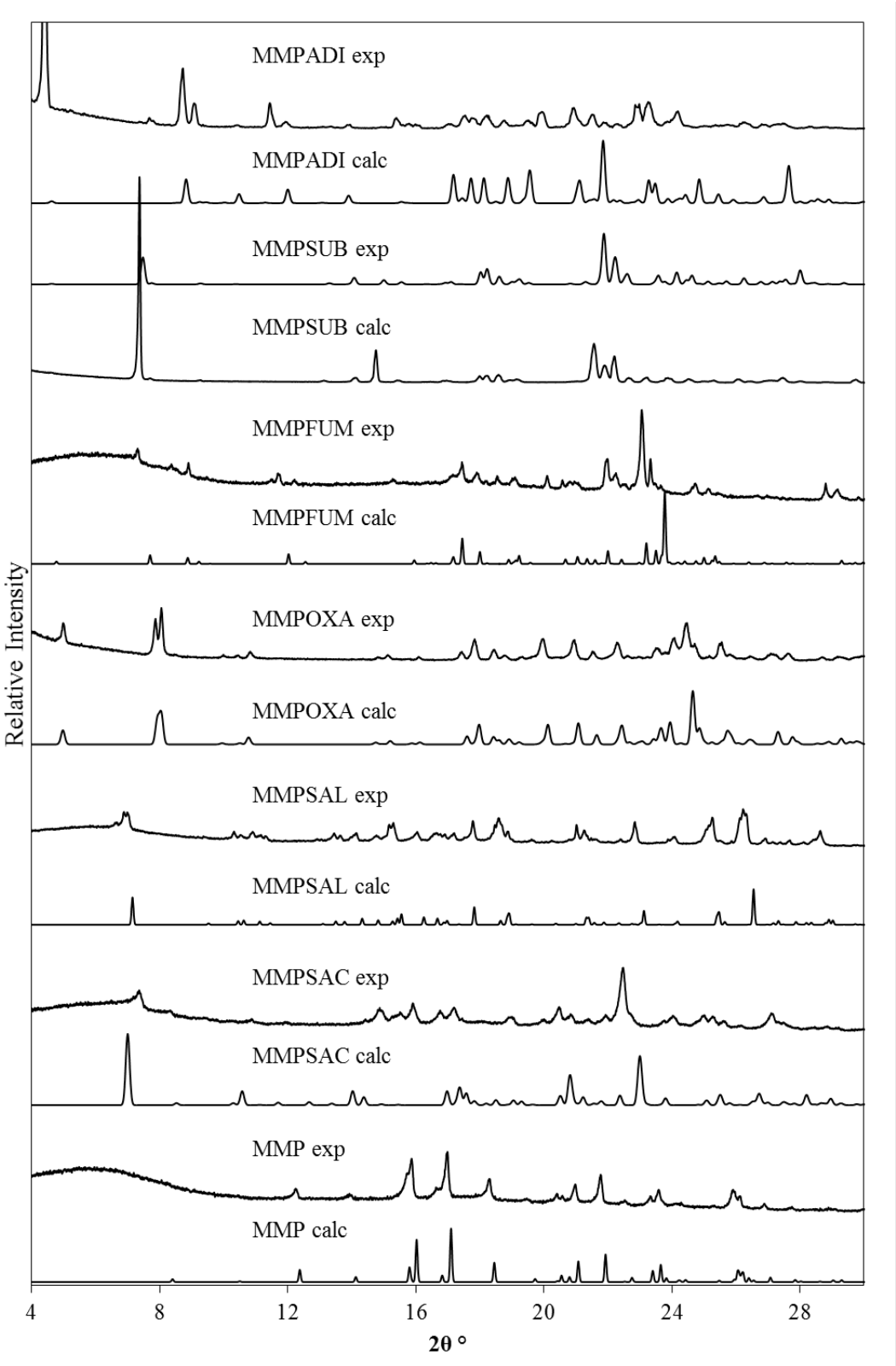

Fig. S1 Calculated (calc) and experimental (exp) PXRD patterns for MMP, its salts (MMPSAC, MMPSAL, MMPOXA, MMPFUM and MMPSUB) and the cocrystal (MMPADI). A general shift of the computed peaks (those labelled 'calc') to higher 2θ values is due to the shrinkage of the unit cells at the low temperature of X-ray data collections. The difference in relative intensity for the first peak at *ca.* 4.5 ° 2θ for the experimental

pattern of MMPADI can be attributed to residual preferred orientation in the sample, owing to the needle-like morphology of the crystals.

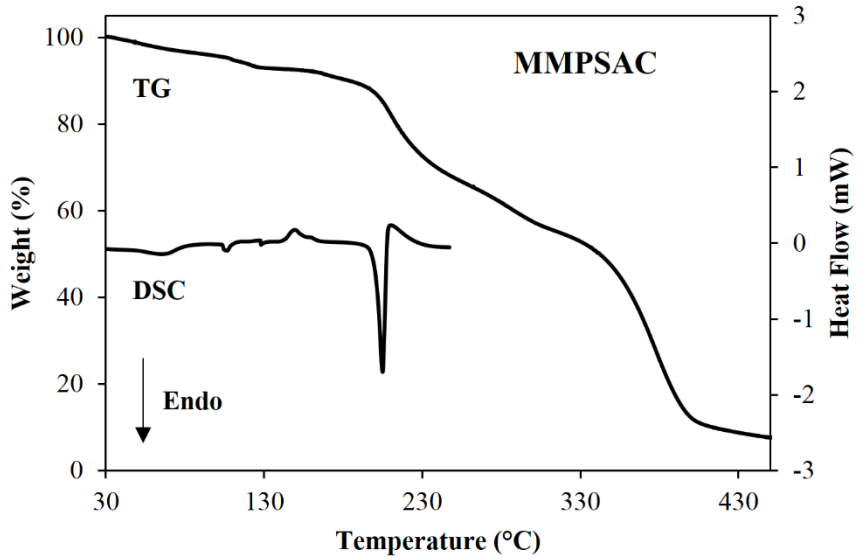

Fig. S2 Thermal analysis of MMPSAC

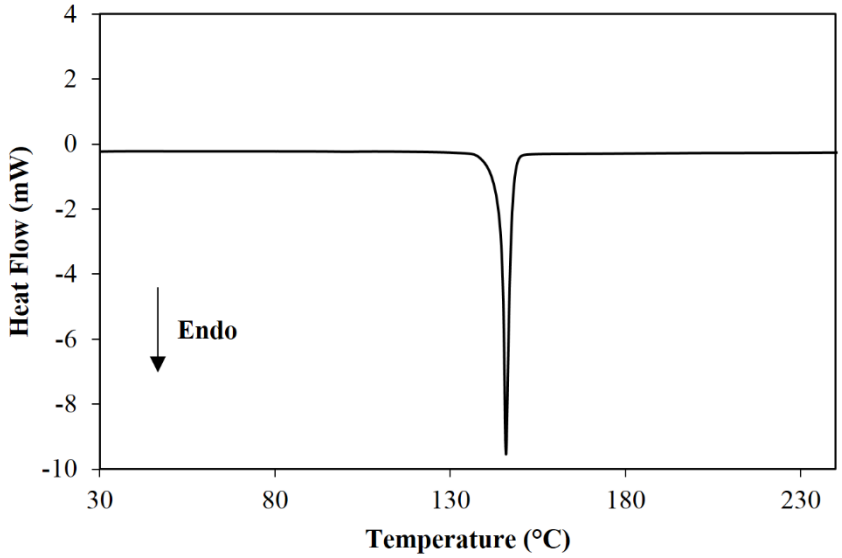

Fig. S3 DSC of MMPSUB

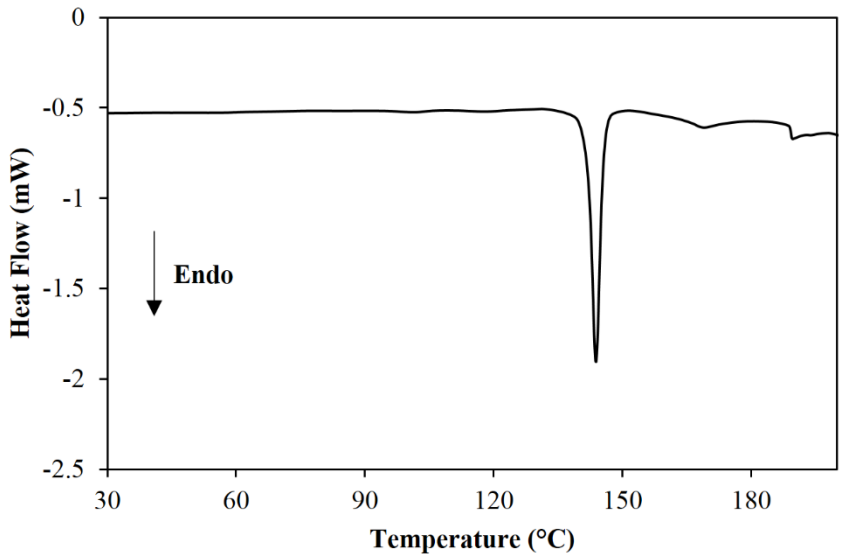

Fig. S4 DSC of MMPADI