

Supramolecular synthon polymorphism in 2:1 co-crystal of 4-hydroxybenzoic acid and 2,3,5,6-tetramethylpyrazine

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Supplementary Information

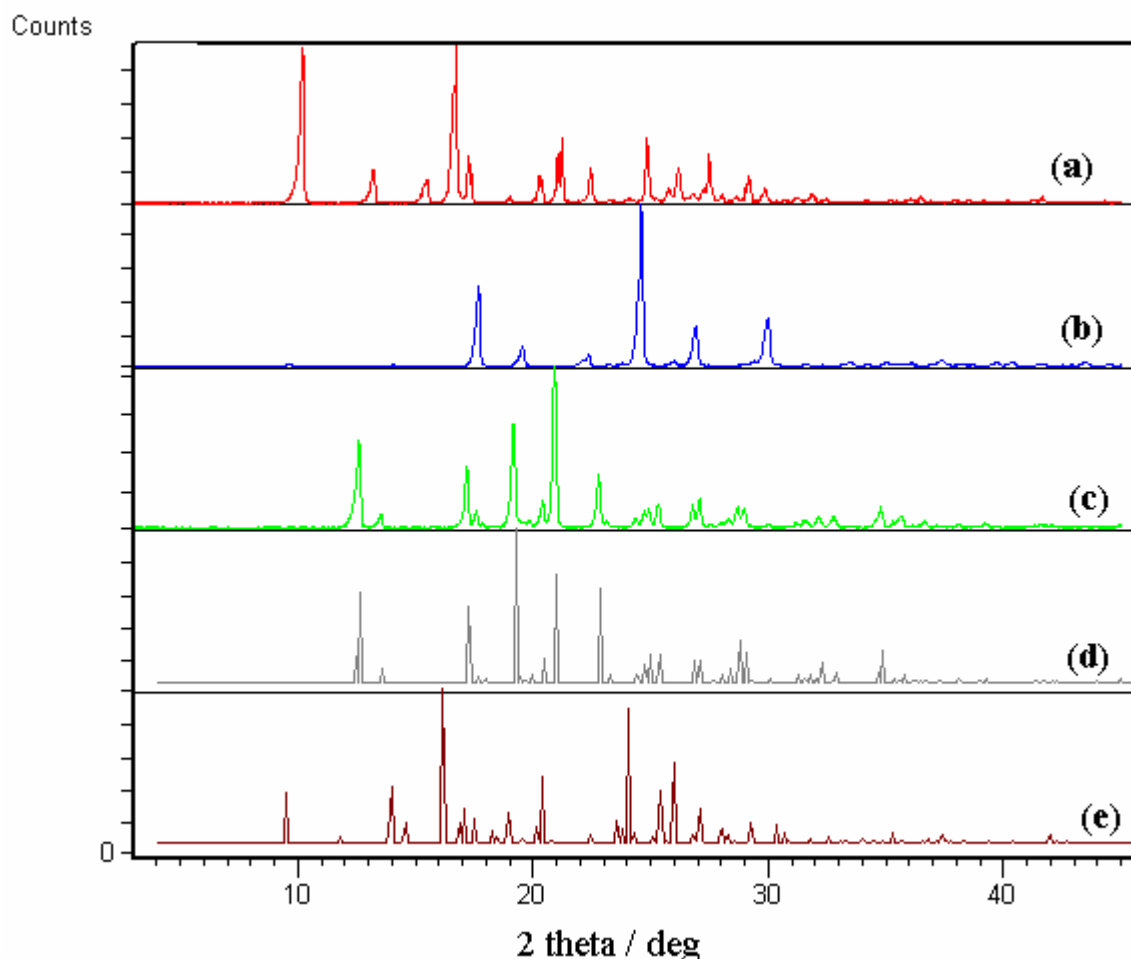
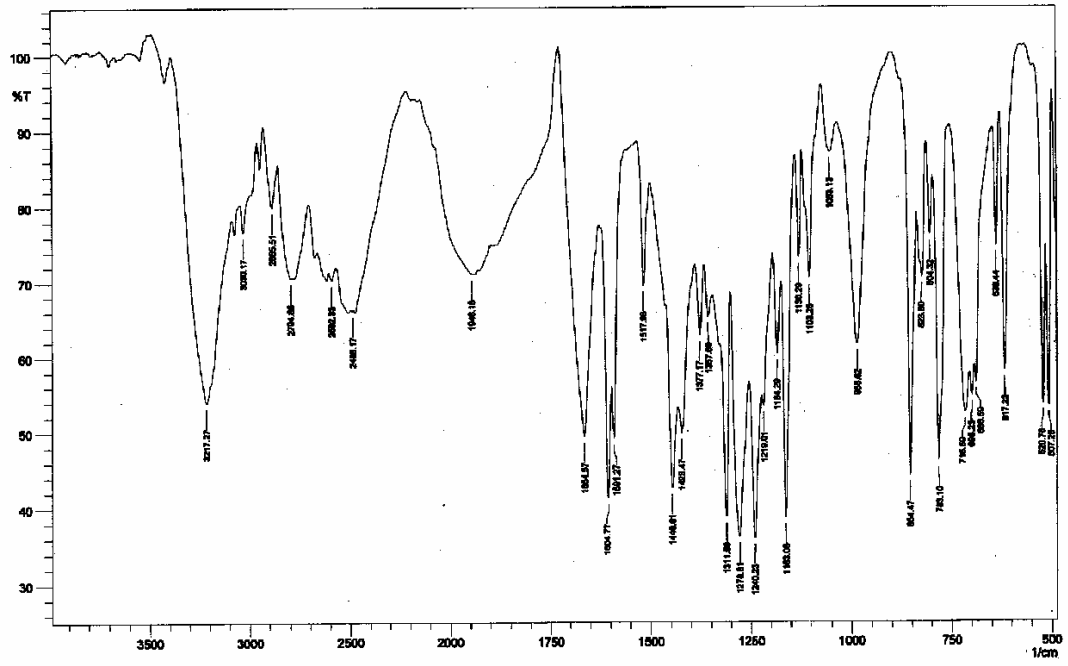
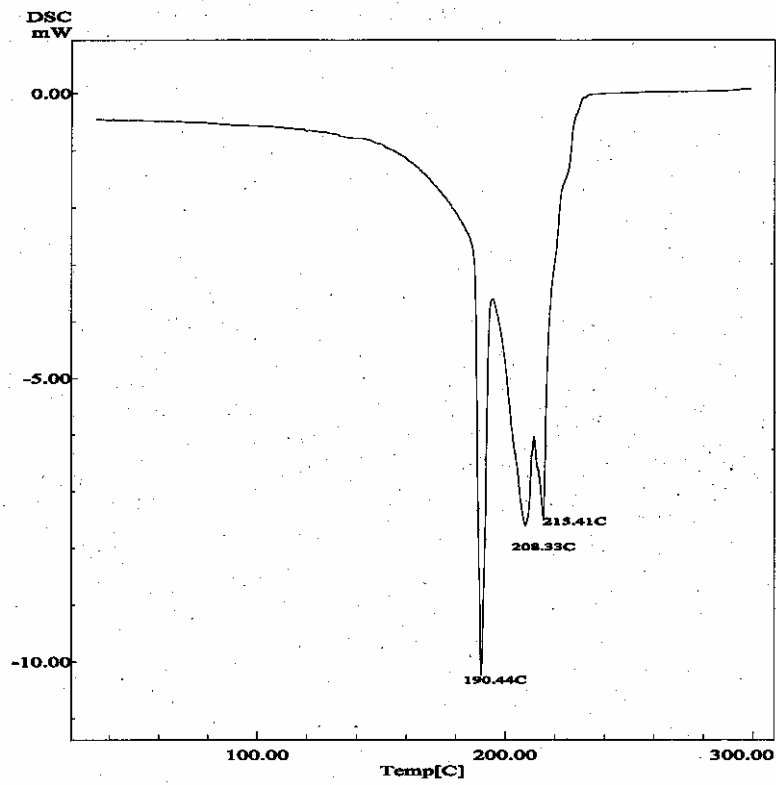


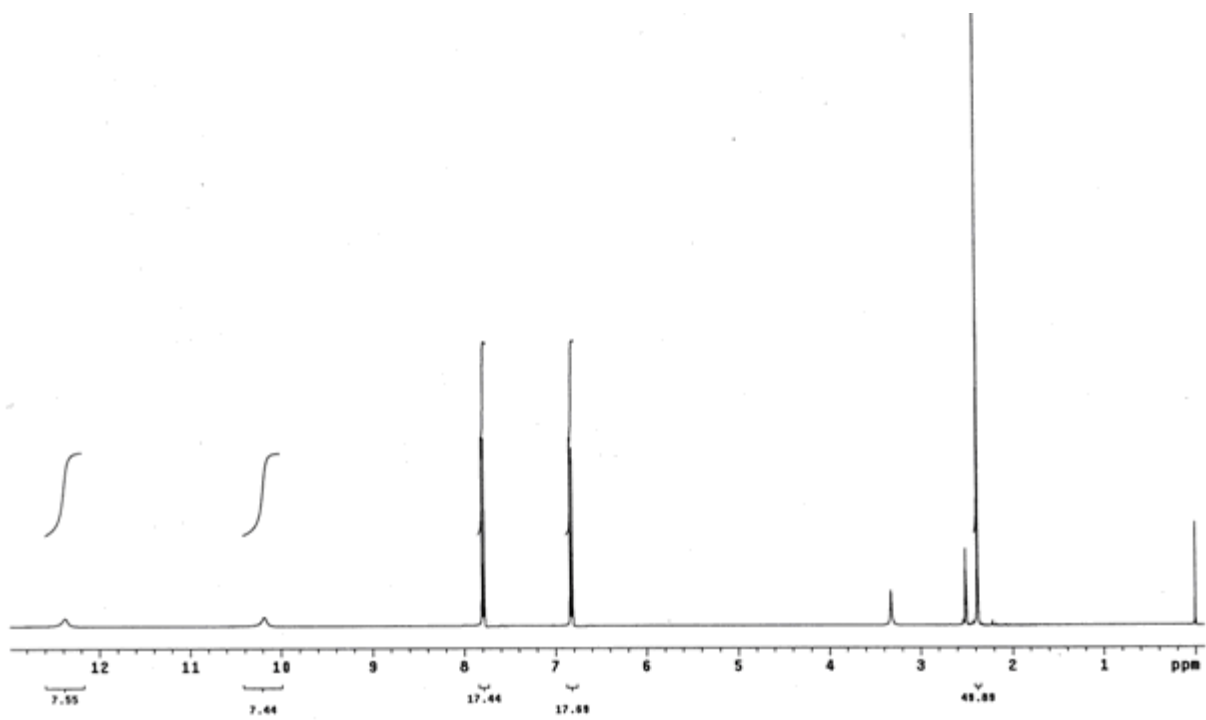
Figure 1. Experimental PXRD of TMP (a); 4HBA (b) and (4HBA)₂•(TMP) co-crystal form II (c). Calculated PXRD of form II (d) and form I (e). Notice that calculated form II PXRD matches with the bulk sample.



(a)



(b)



(c)

Figure 2. (a) FT-IR, (b) DSC and (c) $^1\text{H-NMR}$ of $(4\text{HBA})_2\cdot(\text{TMP})$ co-crystal form II.