

**Correlation of the solid state reactivities of racemic 2,4(6)-di-*O*-benzoyl-*myo*-inositol-1,3,5-orthoformate and its 4,4'-bipyridine cocrystal with their crystal structures**

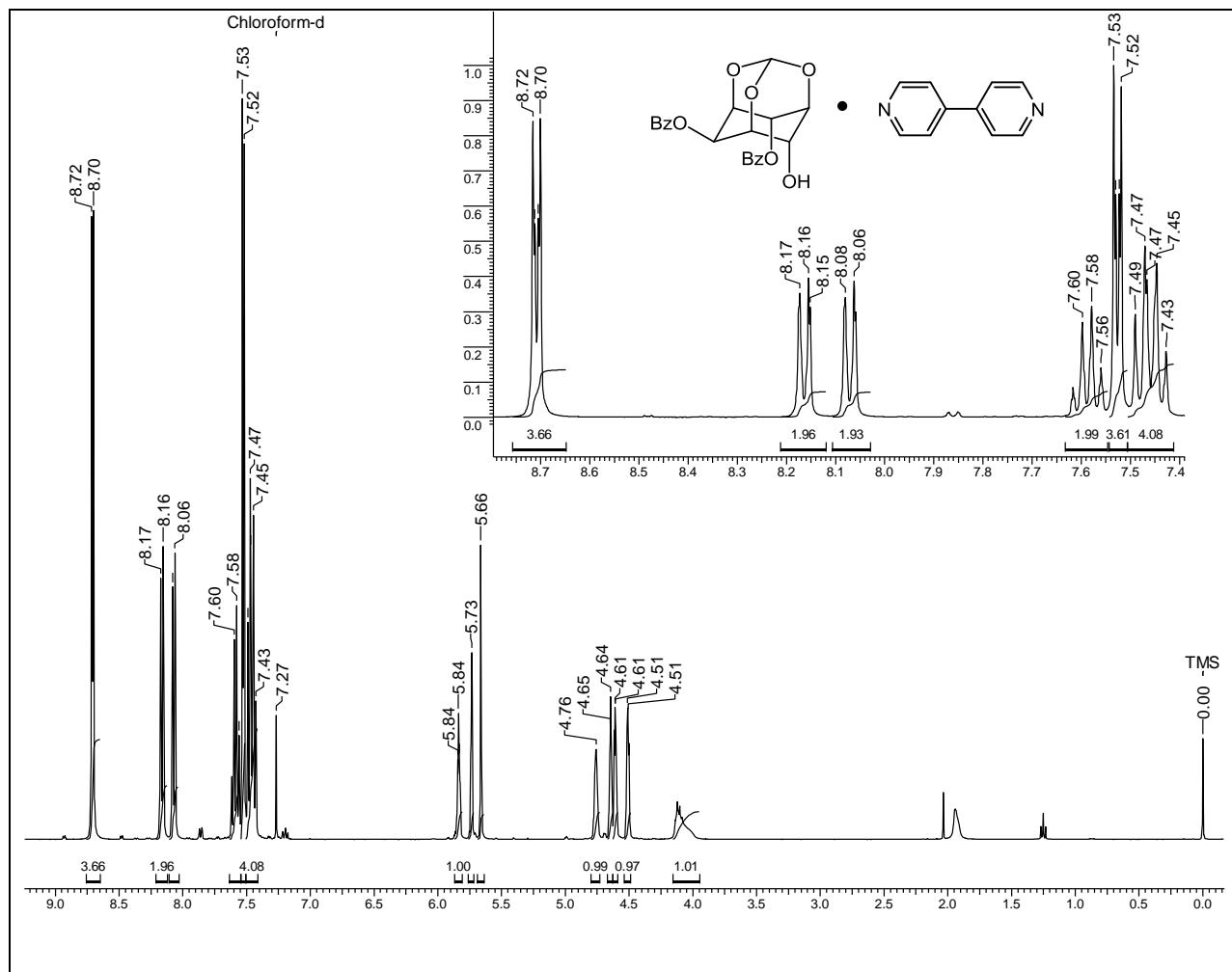
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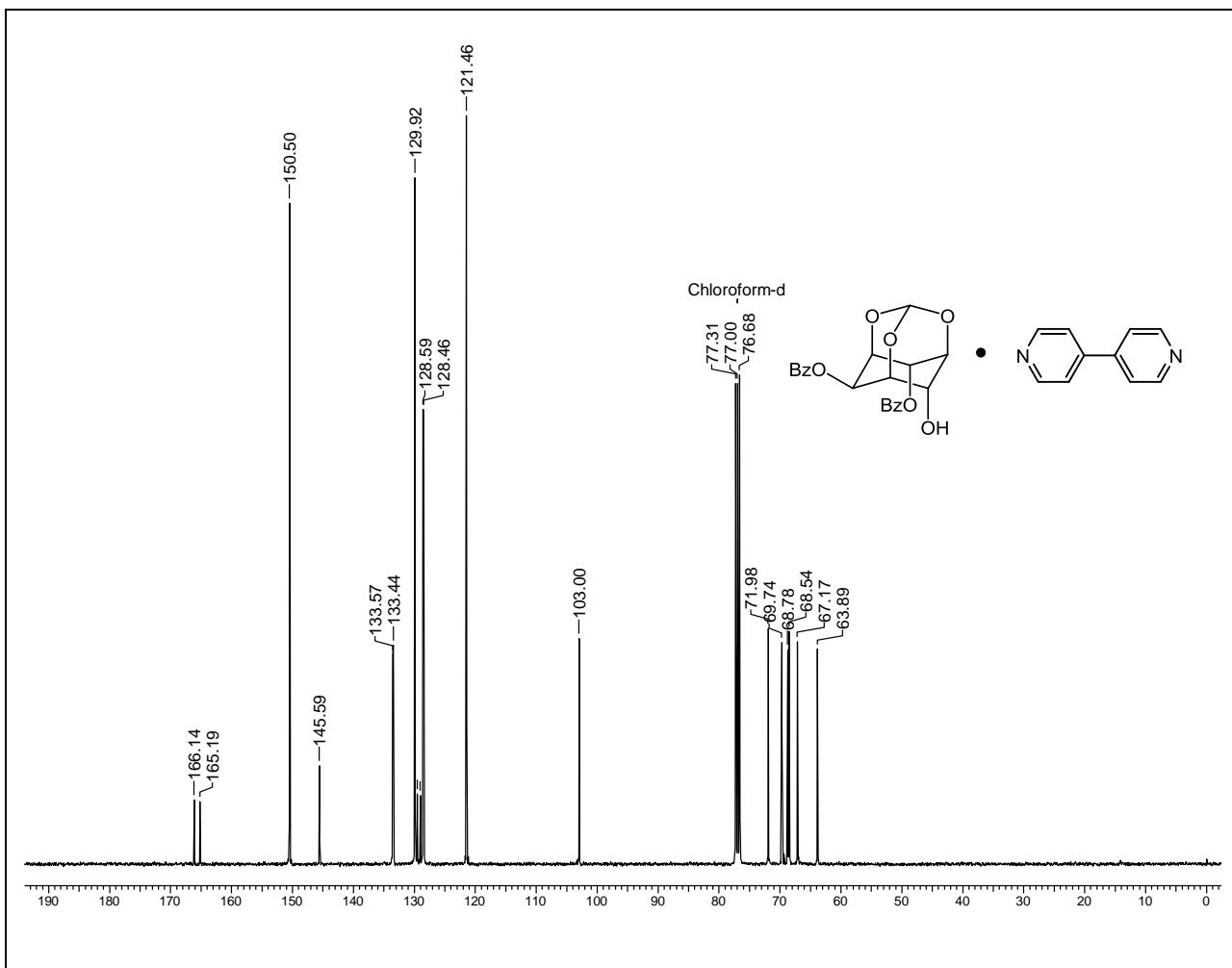
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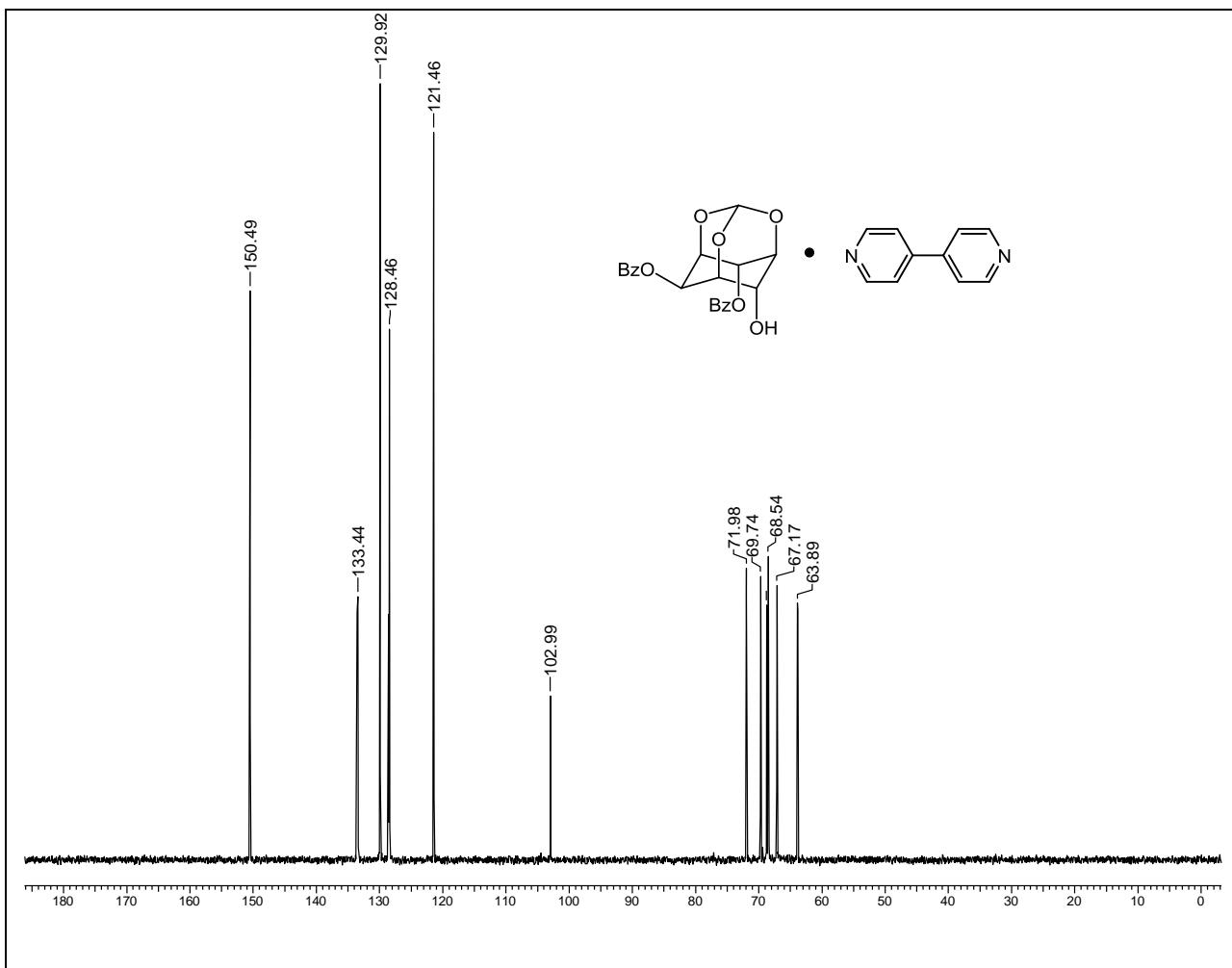
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**Figure S1.**  $^1\text{H}$  NMR spectrum of cocrystals **1.BP** in  $\text{CDCl}_3$ .

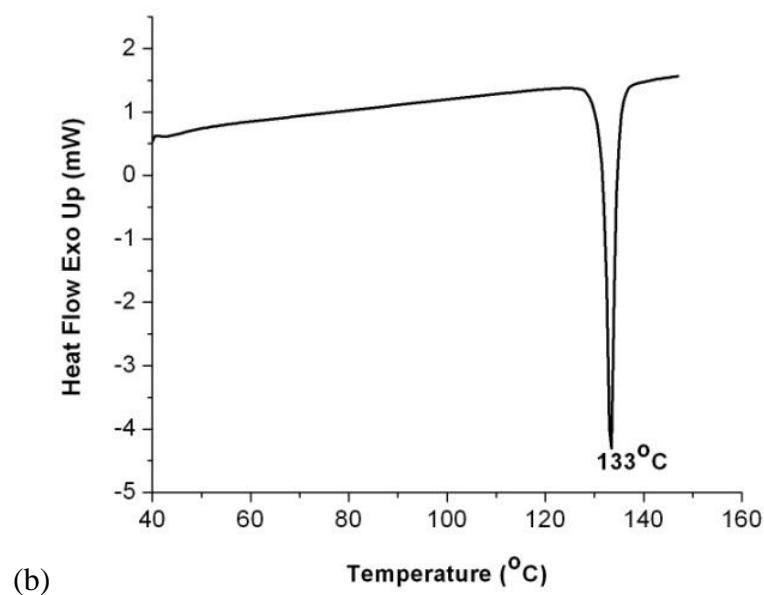
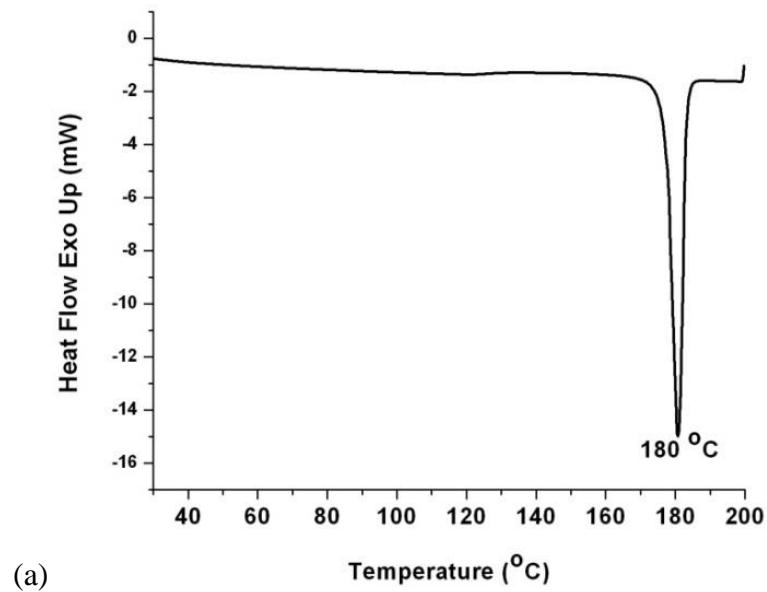


**Figure S2.**  $^{13}\text{C}$  NMR spectrum of cocrystals **1.BP** in  $\text{CDCl}_3$ .



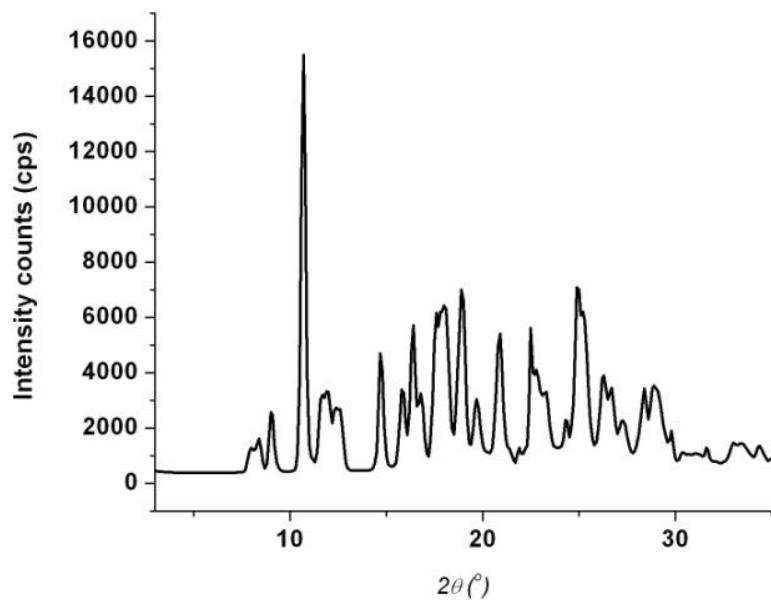
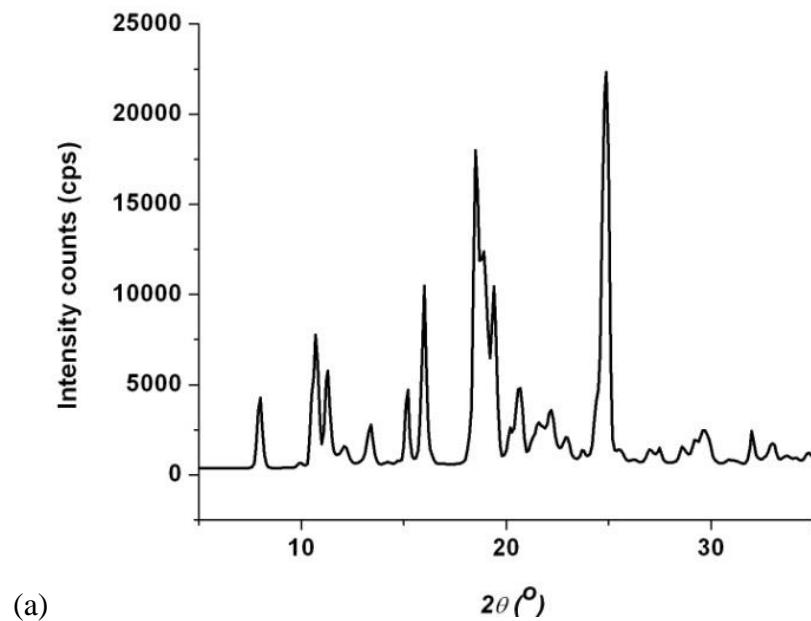
**Figure S3.**  $^{13}\text{C}$  NMR (DEPT) spectrum of cocrystals **1.BP** in  $\text{CDCl}_3$ .

**DSC analysis:**

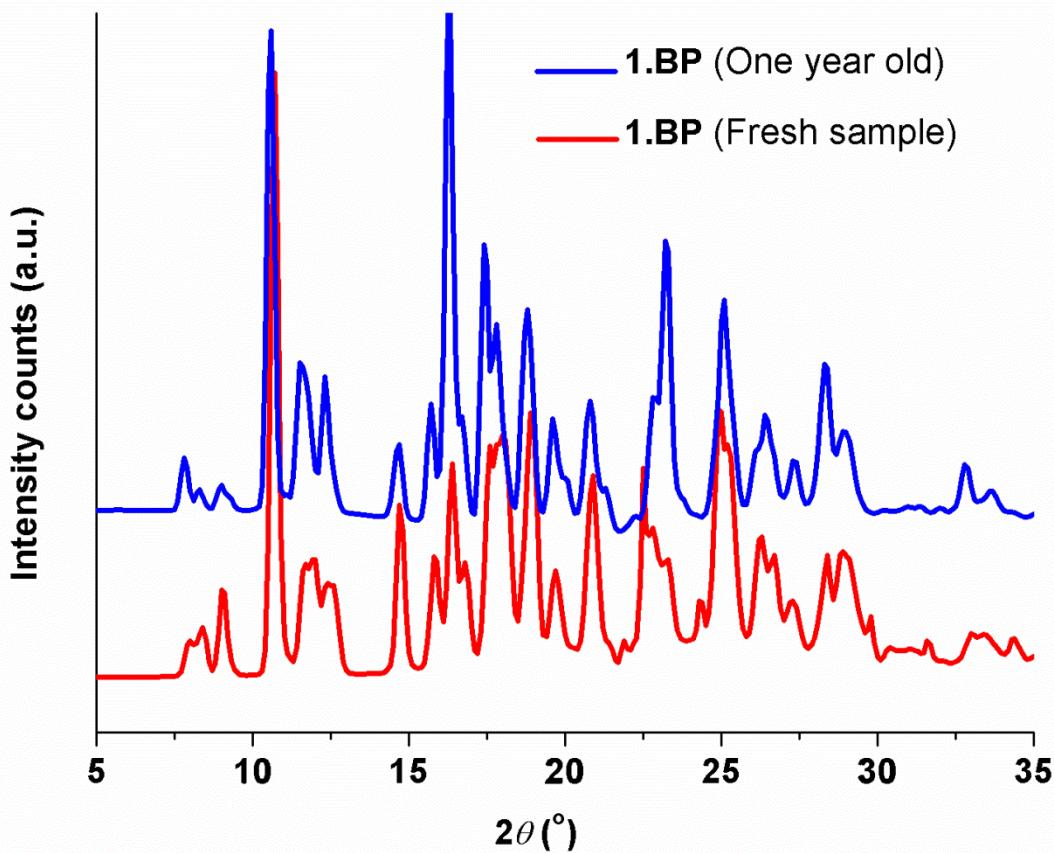


**Figure S4.** DSC profile of (a) **1** and (b) cocrystal **1.BP**.

**PXRD analysis:**



**Figure S5.** PXRD patterns of (a) **1** and (b) cocrystal **1.BP**.



**Figure S6.** Overlay of PXRD patterns of cocrystal **1.BP** recorded at different periods.