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In-situ recrystallization of elastically bendable cocrystals of caffeine post partial desolvation

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The system of 1:1:1 cocrystal solvate of caffeine, 4-chloro-3-nitrobenzoic acid and methanol is the first reported example of molecular crystal that exhibits reversible elastic flexibility. Here we show *in-situ* recrystallization of long flexible acicular single crystals post partial desolvation. This apparent reversible process in accompanied by increased inclusion of the solvent than as grown crystals resulting in larger unit cell volume within the same space group symmetry.

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