

Correction to “Structural Landscape of α -Acetamidocinnamic Acid Cocrystals with Bipyridine-Based Coformers: Influence of Crystal Packing on Their Thermal and Photophysical Properties”

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The original version of the article contained an erroneously assigned topology for cocrystal (HACA)₂(4,4'-azpy) (2) (HACA = α -acetamidocinnamic acid, 4,4'-azpy = 4,4'-azopyridine) when their molecules were considered as nodes. This affected the structural description of cocrystal 2 (page 1754) and its corresponding figure (Figure S, page 1756), as well as the X-ray crystallographic data, which was updated with the last version of the ToposPro program and the TopCryst webpage (page 1749). In addition, the acknowledgments were modified after a helpful discussion with Prof. Davide M. Proserpio which led us to realize the mistakes corrected herein (page 1762). The corrections of the article are shown below.

X-ray Crystallographic Data.

The topological analysis was done employing the ToposPro 5.5.2.1 program and the TopCryst Web site (<https://www.topcryst.com/>).

Structural Description of (HACA)₂(1,2-bpe) (1) and (HACA)₂(4,4'-azpy) (2).

Otherwise, the C(8)–H(2)⋯O(1) (2.56 Å, 132°) interaction in cocrystal 2 extended its 3D network forming a 5-c sqp underlying topology, sustained by azo⋯ π interactions (Cg(1)⋯Cg(2): 3.648 Å)⁷⁰ (Table S, Figures 4c,d and 5a), being in agreement with the flat regions of the HACA and 4,4'-azpy regions in their corresponding curvedness representations (SI FigureS20b,e).

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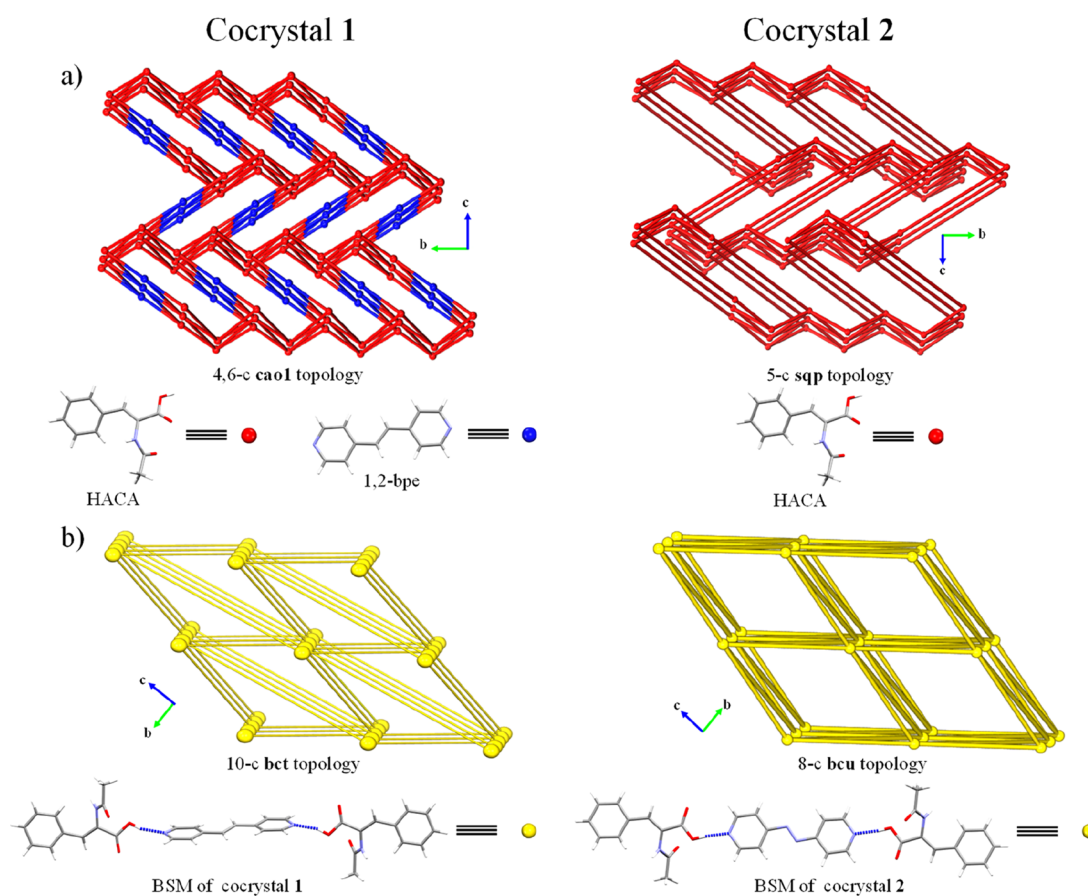


Figure 5. Schematic representation of the topologies of cocrystals 1 and 2 considering (a) their former molecules (HACA and dPy) and (b) their BSMs as nodes. The 4,4'-azpy molecules from cocrystal 2 have been simplified in panel (a) due to the obtention of 2-c nodes which should be removed according to the methodology of reference S2 of the original paper.