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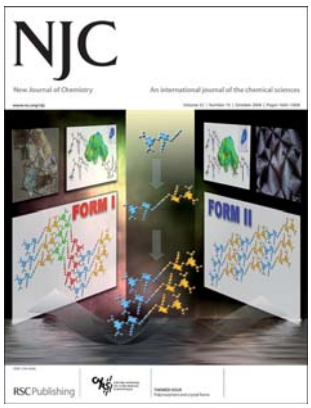
Melt co-crystallisation from the eutectic mixture of the components: isonicotinamide and benzoic acid. The 1 : 1 co-crystal phase is shown growing from the interface of the melted benzoic acid and melting isonicotinamide. Image reproduced with permission from Nicholas Blagden, David J. Berry, Andrew Parkin, Hafsa Javed, Asim Ibrahim, Pauline T. Gavan, Luciana L. De Matos and Colin C. Seaton from *New J. Chem.*, 2008, **32**, 1659.



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Two polymorphs of aprepitant differ only in alternatively stacked units (2D fragment) with molecular units of the same geometry, in spite of six freely rotatable bonds (packing polymorphism). Image reproduced with permission from Doris E. Braun, Thomas Gelbrich, Volker Kahlenberg, Gerhard Laus, Josef Wieser and Ulrich J. Griesser from *New J. Chem.*, 2008, **32**, 1677.

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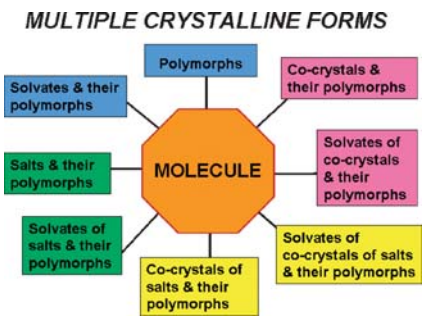

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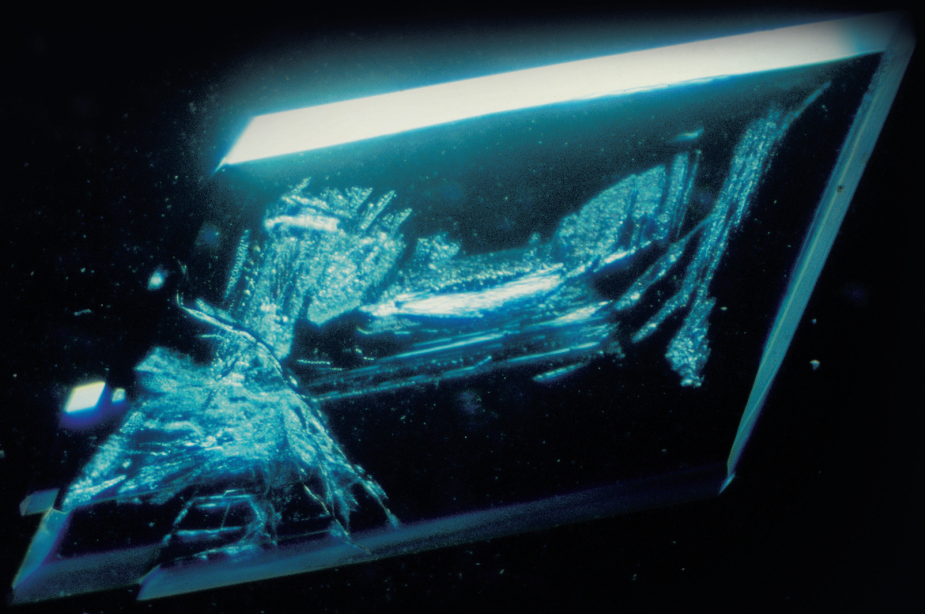

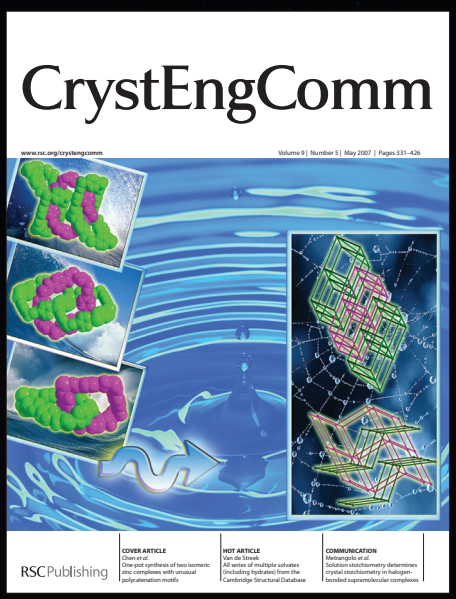

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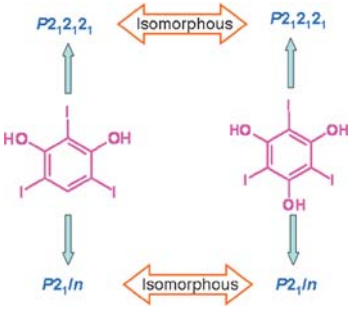

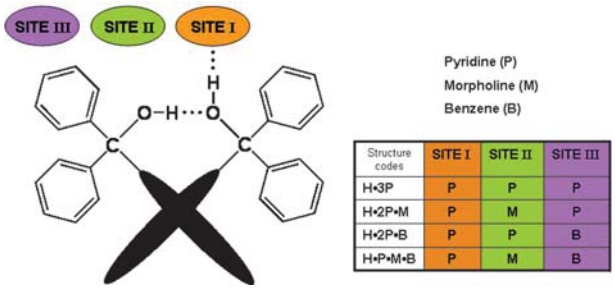

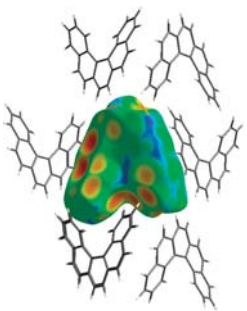

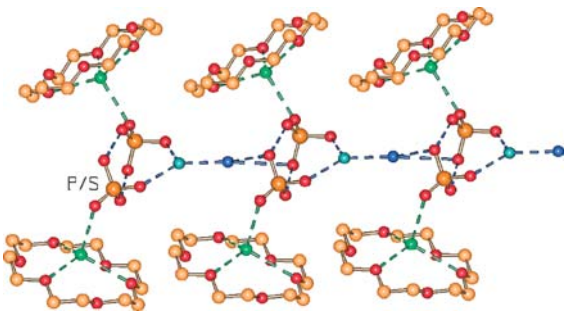

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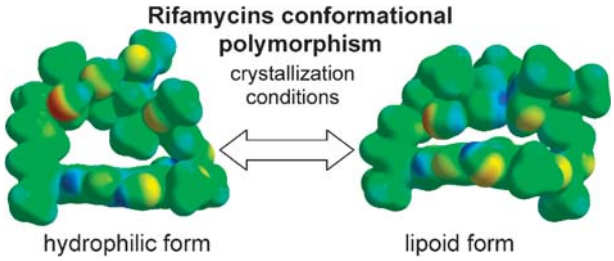

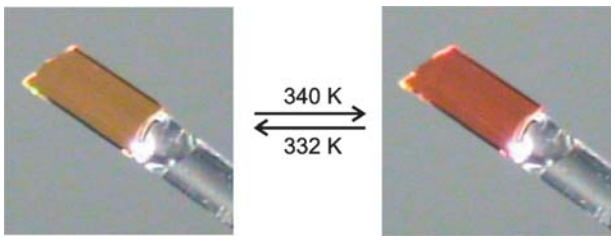

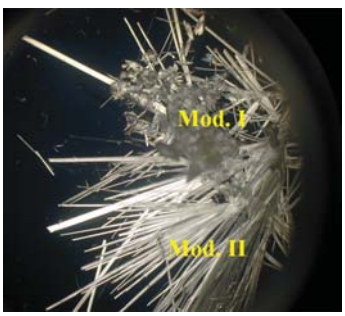

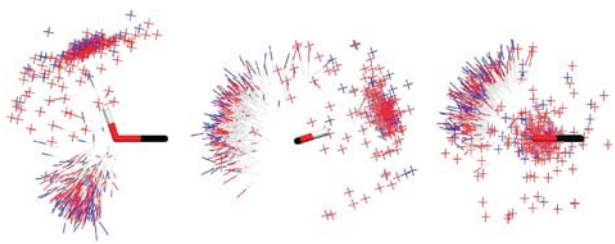

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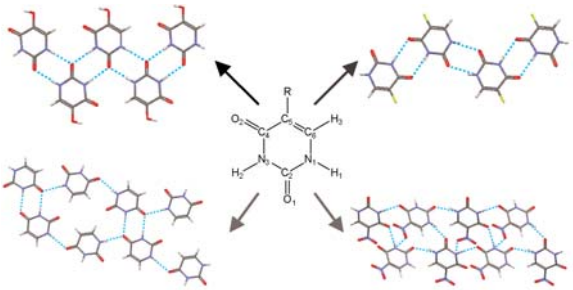

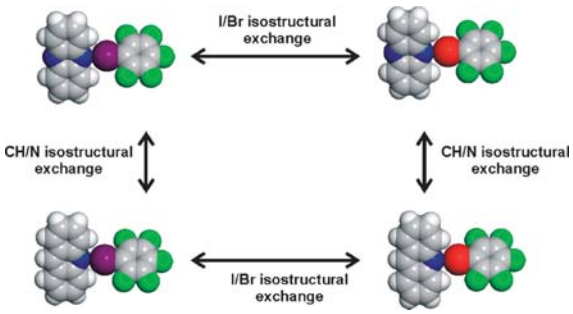

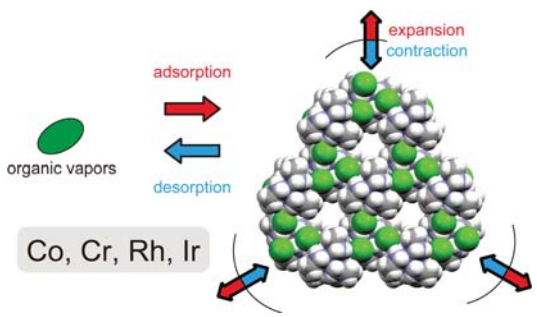

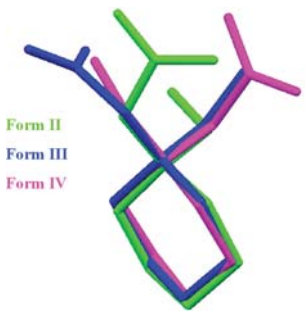

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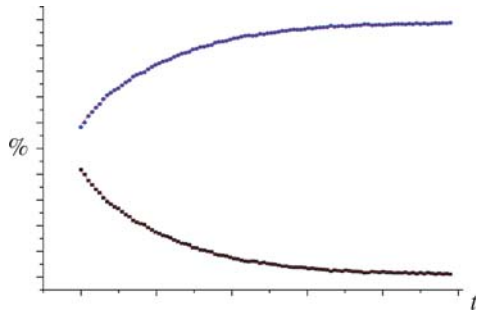

Structural characterisation of two pharmaceutically important steroids by solid-state NMR

Abdullah Othman, Robin K. Harris,* Paul Hodgkinson, Elizabeth A. Christopher and Robert W. Lancaster

Magic-angle spinning NMR provides an essential tool, complementary to diffraction, for studying the crystallography and molecular-level mobility of organic polymorphs and solvates, as illustrated by two steroids.

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