

2016

Articles Crystallization Systems

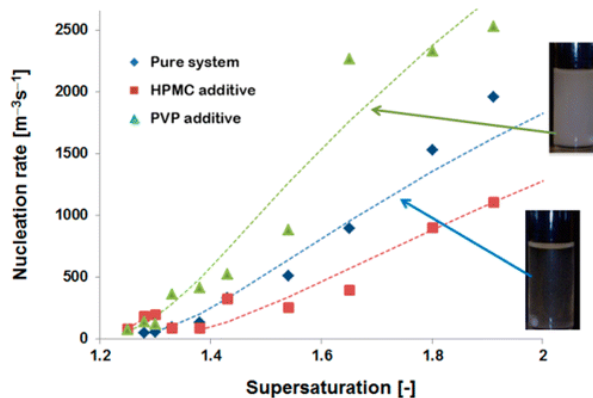


1 Articles Industry and Academia



01.2016 *Crystalline*

Sendhil K. Poornachary, Guangjun Han, Jin Wang Kwek, Pui Shan Chow, and Reginald B. H. Tan, **Crystallizing Micronized Particles of a Poorly Water-Soluble Active Pharmaceutical Ingredient: Nucleation Enhancement by Polymeric Additives**, *Cryst. Growth Des.*, 2016, 16 (2), pp 749–758, [Abstract](#)



01.2016 *Crystalline*

M.A. Reus, **Crystallization and Encapsulation in multicomponent mixtures**, PhD thesis, 2016



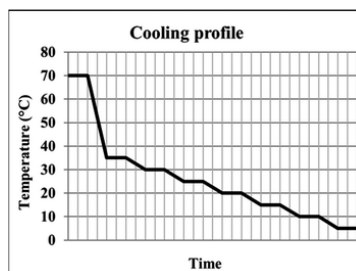
01.2016 *Crystal*

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02.2016 *Crystal*

Lauren R. Agnew, Dyanne L. Cruickshank, Thomas McGlone and Chick C. Wilson, Controlled production of the elusive metastable form II of acetaminophen (paracetamol): a fully scalable templating approach in a cooling environment, *Chem. Commun.*, 2016, Advance Article, [Abstract](#)



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02.2016 **Crystal**

D. Binev, A. Seidel-Morgenstern, and H. Lorenz, **Continuous Separation of Isomers in Fluidized Bed Crystallizers**, Cryst. Growth Des., 2016, 16 (3), pp 1409–1419, [Abstract](#)



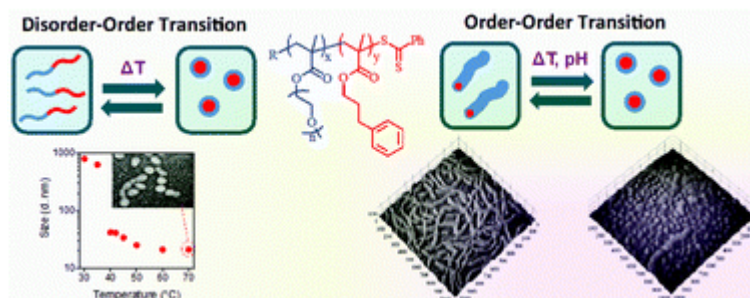
02.2016 **Crystal**

Lauren R. Agnew, Dyanne L. Cruickshank, Thomas McGlone and Chick C. Wilson, **Controlled production of the elusive metastable form II of acetaminophen (paracetamol): a fully scalable templating approach in a cooling environment**, Chem. Commun., 2016, 52, 7368-7371, 2016, [Abstract](#)



03.2016 **Crystal**

Yiwen Pei, Kevin Jarrett, Martin Saunders, Peter J. Roth, Craig E. Buckley and Andrew B. Lowe, **Triply responsive soft matter nanoparticles based on poly[oligo(ethylene glycol) methyl ether methacrylate-block-3-phenylpropyl methacrylate] copolymers**, Polym. Chem., 2016,7, 2740-2750, [Abstract](#)



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Yiwen Pei, Kevin Jarrett, Martin Saunders, Peter J. Roth, Craig Buckley and Andrew B Lowe, **Triply Responsive Soft Matter Nanoparticles based on Poly[oligo(ethylene glycol) methyl ether methacrylate-block-3-phenylpropyl methacrylate] Copolymers**, Polym. Chem., 2016, [Abstract](#)



04.2016 **Crystal**

E. Simone, M.V. Cenzato, Z.K. Nagy, **A study on the effect of the polymeric additive HPMC on morphology and polymorphism of ortho-aminobenzoic acid crystals**, 2016, Journal of Crystal Growth, Volume 446, 15 July 2016, Pages 50–59, [Abstract](#)

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04.2016 **Crystal**

Petra Johanna Maria Bouten, **Methyl ester functionalised poly(2-oxazoline)s**, PhD thesis, 2016, [Abstract](#)



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Tomislav Stolar, Stipe Lukin, Josip Požar, Mirta Rubčić, Graeme M. Day, Ivana Biljan, Dubravka Šišak Jung, Gordan Horvat, Krunoslav Užarević, Ernest Meštrović, and Ivan Halasz, **Solid-State Chemistry and Polymorphism of the Nucleobase Adenine**, Cryst. Growth Des., 2016, 16 (6), pp 3262–3270, [Abstract](#)



04.2016 **Crystal**

Carbidopa and L-Dopa Prodrugs and Methods of Use, United States Patent Application A1 20160106765, [Abstract](#)



05.2016 **Crystal**

Cui Yuqing, **Study of nucleation mechanisms and rational design of small-scale continuous crystallizers**, PhD thesis, DSpace@MIT, 2016, [Abstract](#)



05.2016 **Crystal**

António O. L. Évora, Ricardo A. E. Castro, Teresa M. R. Maria, M. Ramos Silva, J. H. ter Horst, João Canotilho and M. Ermelinda S. Eusébio, **Co-crystals of diflunisal and isomeric pyridinecarboxamides – a thermodynamics and crystal engineering contribution**, CrystEngComm, 2016,18, 4749-4759, [Abstract](#)



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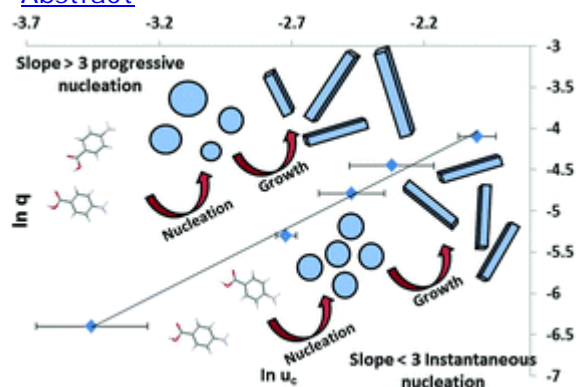
Anne-Kathleen Kort, Heike Lorenz, Andreas Seidel-Morgenstern, **Physical–Chemical Properties of the Chiral Fungicide Fenamidone and Strategies for Enantioselective Crystallization**, Chirality, 28: 514–520, 2016, [Abstract](#)

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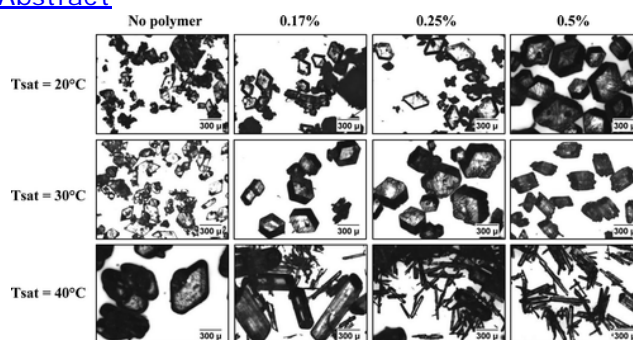
06.2016 **Crystal** **Crystalline**

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06.2016 **Crystalline**

Anneke R. Klapwijk, Elena Simone, Zoltan K. Nagy, and Chick C. Wilson, *Tuning Crystal Morphology of Succinic Acid Using a Polymer Additive*, Cryst. Growth Des., 2016, 16 (8), pp 4349–4359, [Abstract](#)



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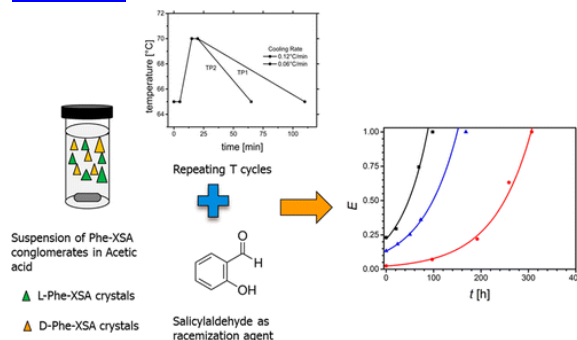
Jeffrey Eckert, Solid forms of 1-ethyl-7-(2-methyl-6-(1H-1,2,4-triazol-3-yl)pyridin-3-yl)-3,4-dihydropyrazino[2,3-b]pyrazin-2(1H)-one, as TOR kinase inhibitors, US9416134 B2, [Abstract](#)

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Wei W. Li, Laura Spix, Saskia C. A. de Reus, Hugo Meekes, Herman J. M. Kramer, Elias Vlieg, and Joop H. ter Horst, **Deracemization of a Racemic Compound via Its Conglomerate-Forming Salt Using Temperature Cycling**, Cryst. Growth Des., 2016, 16 (9), pp 5563–5570, [Abstract](#)



09.2016 **Crystal**

Martin Sahn, Turgay Yildirim, Michael Dirauf, Christine Weber, Pelin Sungur, Stephanie Hoepfener, and Ulrich S. Schubert, **LCST Behavior of Symmetrical PNIPAm-*b*-PEtOx-*b*-PNIPAm Triblock Copolymers**, Macromolecules, 2016, 49 (19), pp 7257–7267, [Abstract](#)



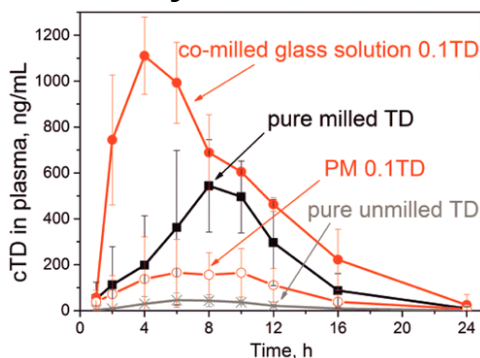
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Mark Billing, Johanna K. Elter, Felix H. Schacher, **Sulfo- and carboxybetaine-containing polyampholytes based on poly(2-vinyl pyridine)s: Synthesis and solution behavior**, Polymer, Volume 104, 8 November 2016, Pages 40–48, [Abstract](#)



09.2016 **CrystalBreeder**

Anna Krupa, Marc Descamps, Jean-François Willart, Beata Strach, Elżbieta Wyska, Renata Jachowicz, and Florence Danède, **High-Energy Ball Milling as Green Process To Vitrify Tadalafil and Improve Bioavailability**, Mol. Pharmaceutics, [Abstract](#)



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10.2016 **Crystal**

Doris E. Braun, Herbert Oberacher, Kathrin Arnhard, Maria Orlova and Ulrich J. Griesse, ***4-Aminoquinoline monohydrate polymorphism: prediction and impurity aided discovery of a difficult to access stable form***, CrystEngComm, 2016,18, 4053-4067, [Abstract](#)



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Kanykei Ryskulova, Anupama Rao Gulur Srinivas, Thomas Kerr-Phillips, Hui Peng, David Barker, Jadranka Travas-Sejdic and Richard Hoogenboom, ***Multiresponsive Behavior of Functional Poly(p-phenylene vinylene)s in Water***, Polymers 2016, 8(10), 365, [Abstract](#)