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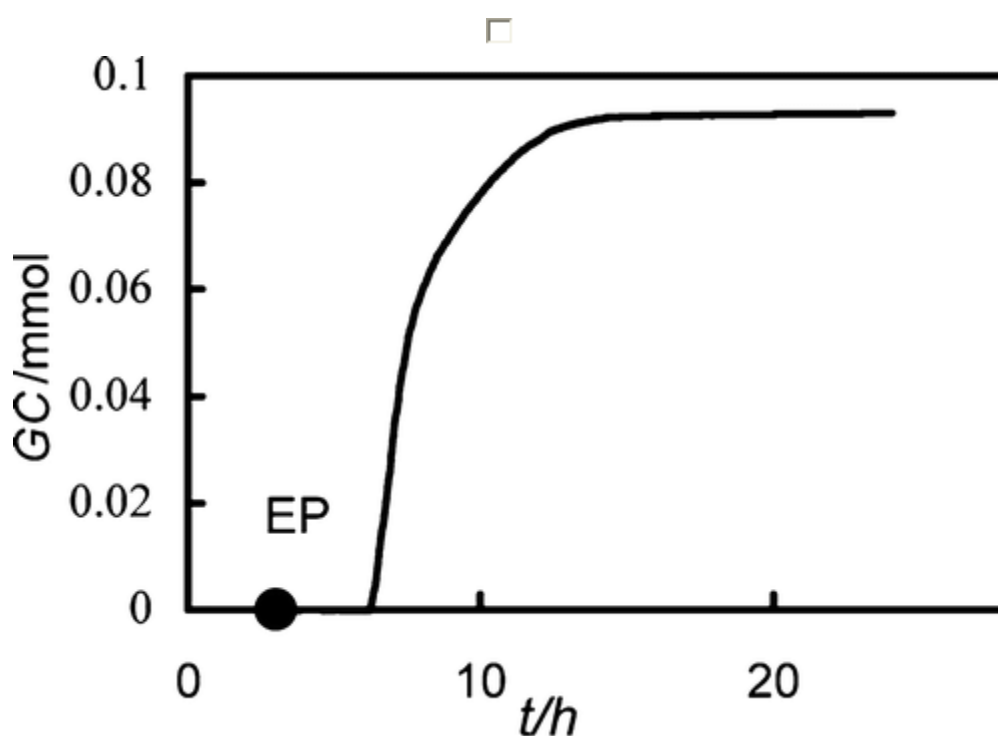


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**Synthesis, Characterization, and Performance Evaluation of Some Multifunctional Lube Oil Additives**

Pranab Ghosh and Moumita Das

pp 510-516

Publication Date (Web): February 25, 2013 (Article)

DOI: 10.1021/je3008793

 Section:

**Fossil Fuels, Derivatives, and Related Products**



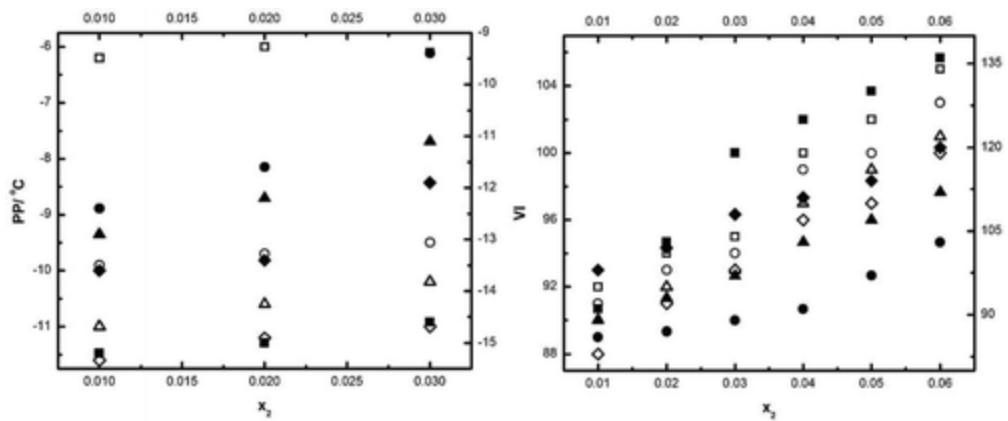


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## Kinetics and Equilibrium Studies on the Removal of Victoria Blue Using *Prosopis juliflora*-Modified Carbon/Zn/Alginate Polymer Composite Beads

Muthaiyan Kumar and Rengasamy Tamilarasan

pp 517-527

Publication Date (Web): February 14, 2013 (Article)

DOI: 10.1021/je3012309

 Section:

Water

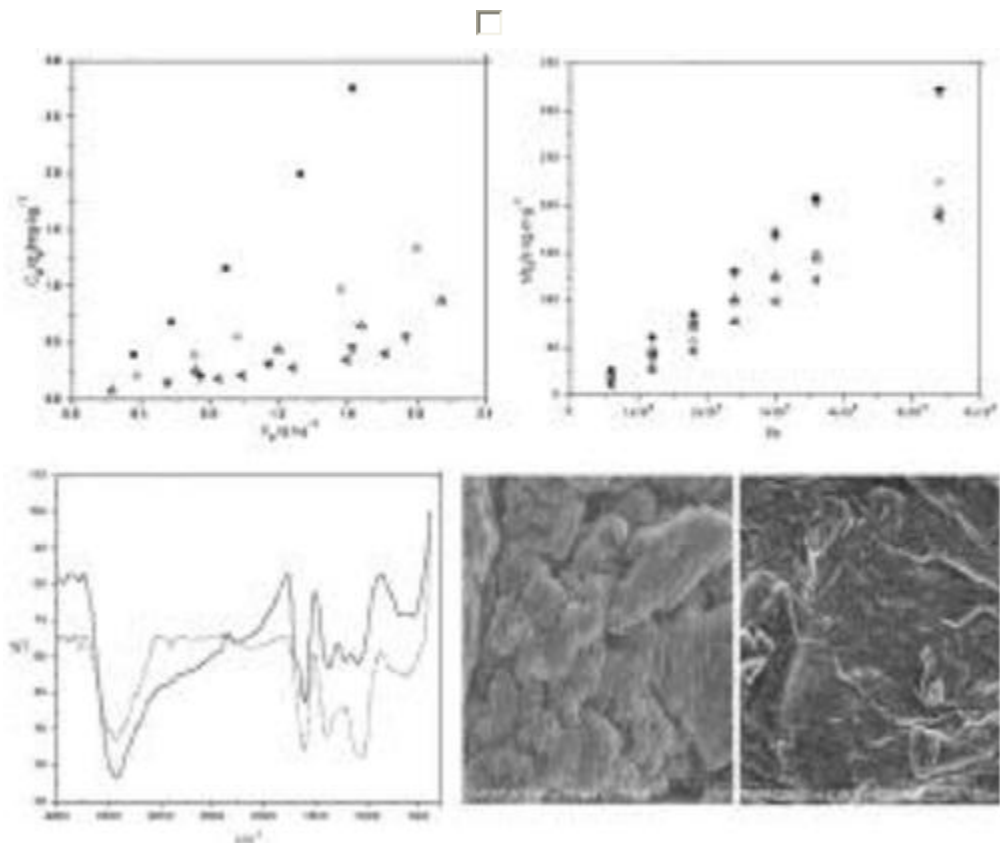


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## Liquid–Liquid Equilibria for Mixtures of (Water + Pyruvic Acid + Alcohol/Alamine). Modeling and Optimization of Extraction

Aynur Senol

pp 528-536

Publication Date (Web): February 14, 2013 (Article)

DOI: 10.1021/je3012265

CCS Section:

Phase Equilibria, Chemical Equilibria, and Solutions

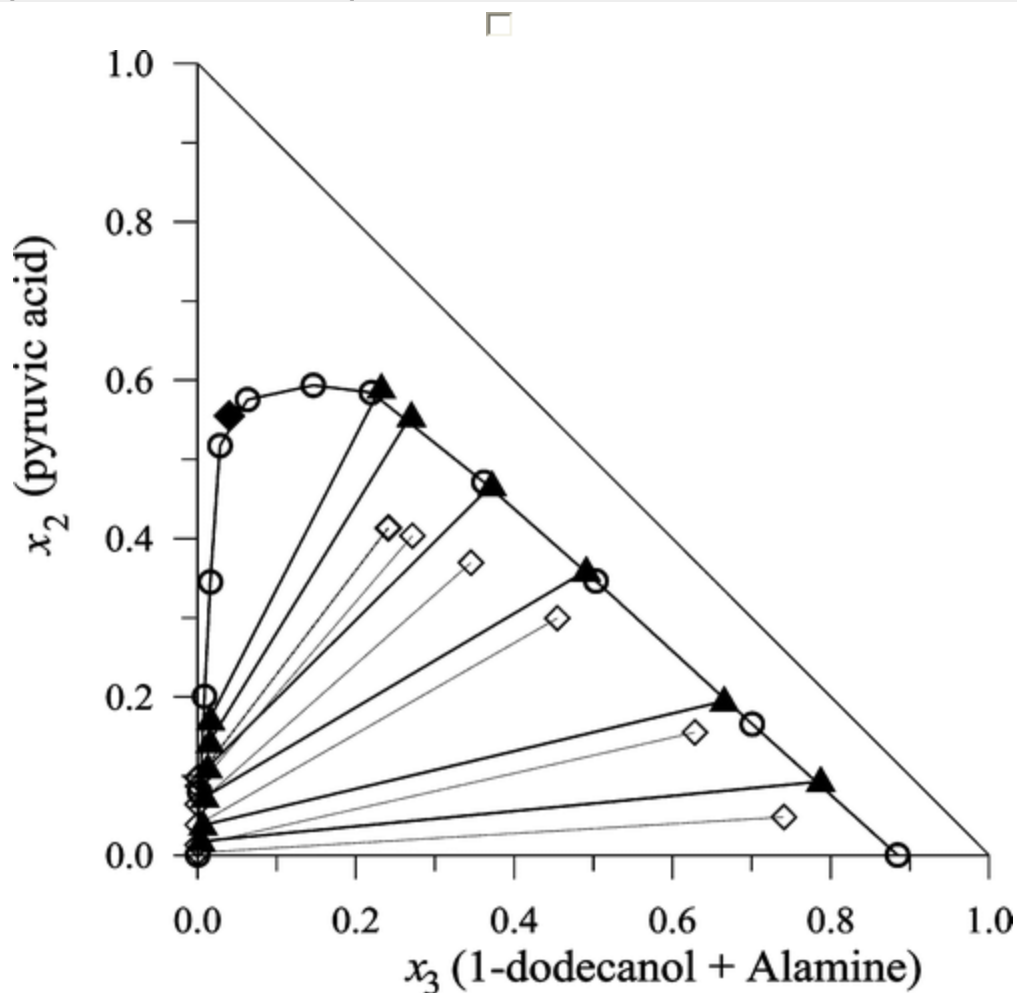


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## Vapor–Liquid–Liquid Equilibria Measurements for the Dehydration of Ethanol, Isopropanol, and *n*-Propanol via Azeotropic Distillation Using DIPE and Isooctane as Entrainers

Cornelia Pienaar, Cara E. Schwarz, Johannes H. Knoetze, and Andries J. Burger

pp 537-550

Publication Date (Web): January 22, 2013 (Article)

DOI: 10.1021/je300847v

CCS Section:

Phase Equilibria, Chemical Equilibria, and Solutions

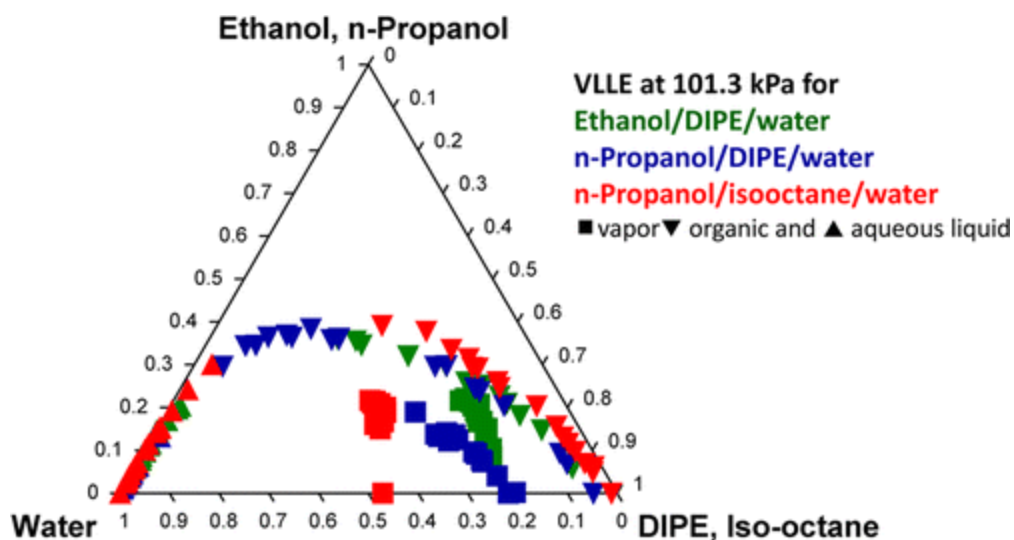


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Fatma Tmsek and zlem Avcı

pp 551-559

Publication Date (Web): February 26, 2013 (Article)

DOI: 10.1021/je301215s

Section:

Surface Chemistry and Colloids

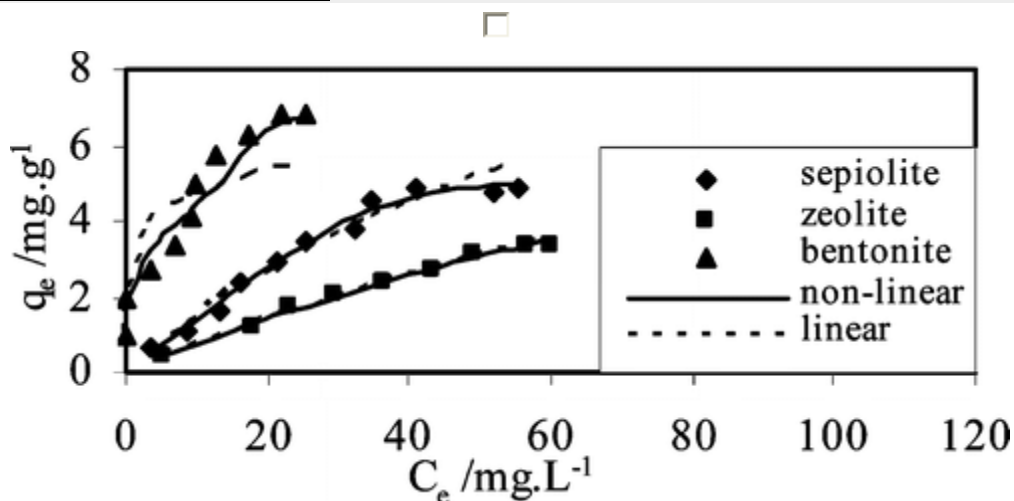


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### Effect of Inorganic Salts on the Isobaric Vapor–Liquid Equilibrium of the Ethyl Acetate–Ethanol System

J. Dhanalakshmi, P. S. T. Sai, and A. R. Balakrishnan

pp 560-569

Publication Date (Web): February 20, 2013 (Article)

DOI: 10.1021/je300886k

Section:

Physical Organic Chemistry

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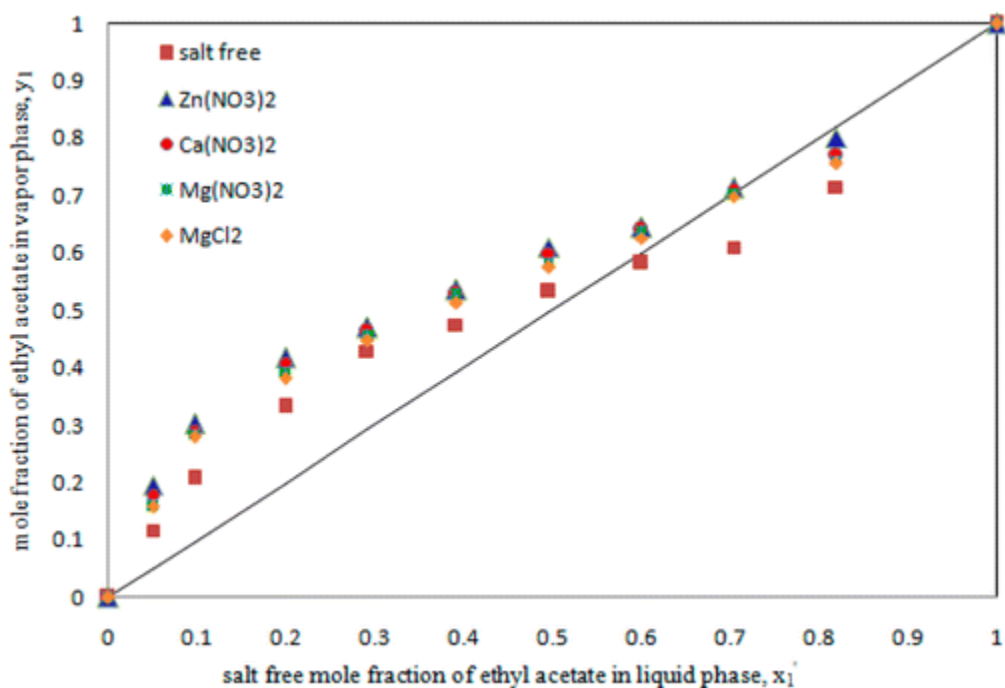


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### Fullerene Bromides $C_{70}Br_n$ ( $n = 8, 10, 14$ ) Synthesis and Identification and Phase Equilibria in the $C_{70}Br_n$ ( $n = 8, 10, 14$ )/Solvent Systems

Konstantin N. Semenov, Nikolai A. Charykov, and Andreii S. Kritchenkov

pp 570-575

Publication Date (Web): February 28, 2013 (Article)

DOI: 10.1021/je3010744

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General Physical Chemistry

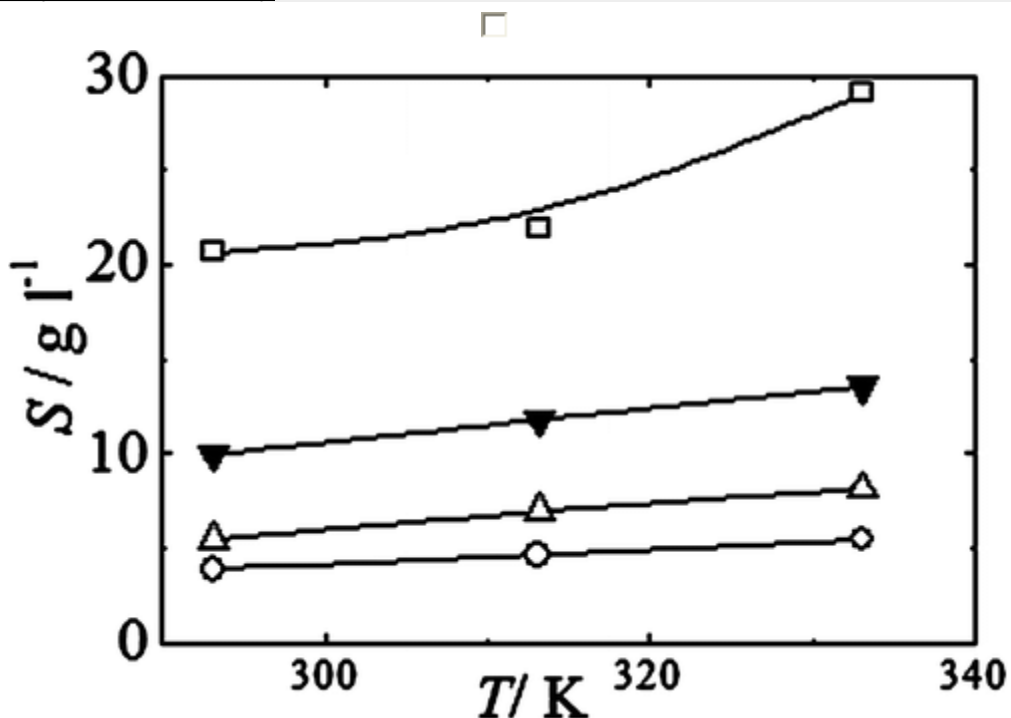


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## Evolution of the Liquid–Vapor Equilibrium Properties of Several Unsymmetrical Amines: Determination of Their Binary Isobaric Diagrams and Applications to the Distillation

M. R. Frangieh, A. J. Bougrine, R. Tenu, A. Dhenain, J. J. Counieux, and C. Goutaudier

pp 576-582

Publication Date (Web): February 20, 2013 (Article)

DOI: 10.1021/je3009649

CCS Section:

Physical Organic Chemistry

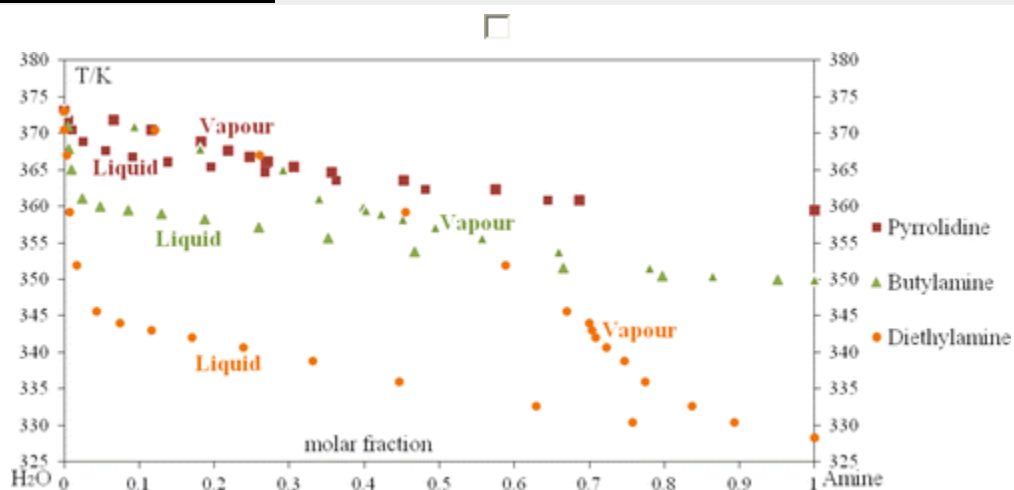


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## Multiwall Carbon Nanotube for Adsorption of Acetic Acid

Önder Özcan, İsmail İnci, and Yavuz Selim Aşçı

pp 583-587

Publication Date (Web): February 7, 2013 (Article)

DOI: 10.1021/je301064t

CCS Section:

Surface Chemistry and Colloids

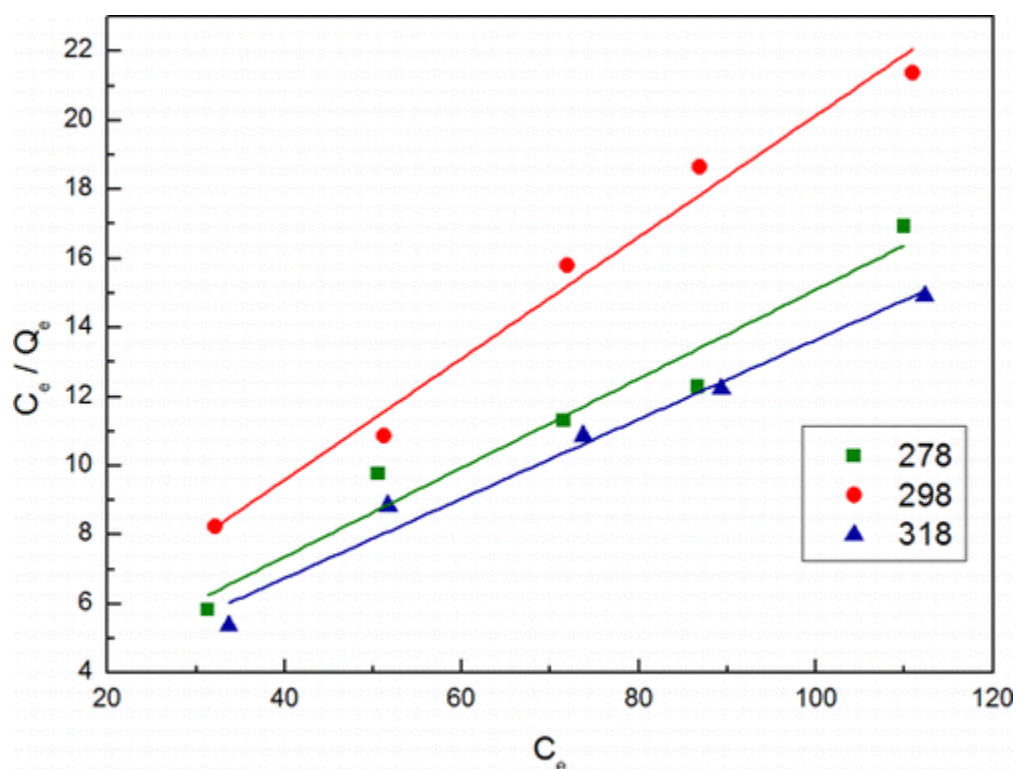


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### Antisolvent Crystallization of Biapenem: Estimation of Growth and Nucleation Kinetics

Yang-Hui Luo, Guo-Gan Wu, and Bai-Wang Sun

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Publication Date (Web): February 28, 2013 (Article)

DOI: 10.1021/je3011997

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Xian-Zhao Shao, Li-Sheng Wang, Guo-Qing Yan, and Guo-Min Yu

pp 598-604

Publication Date (Web): February 20, 2013 (Article)

DOI: 10.1021/je301029j

 Section:

Phase Equilibria, Chemical Equilibria, and Solutions



**Liquid–Liquid Equilibrium in Ternary Systems Present in Biodiesel Purification from Soybean Oil and Castor Oil at (298.2 and 333.2) K**

Yurany C. Ardila, Alex B. Machado, Glaucia Maria F. Pinto, Rubens Maciel Filho, and Maria R. Wolf Maciel

pp 605-610

Publication Date (Web): February 21, 2013 (Article)

DOI: 10.1021/je301028r

 Section:

**Phase Equilibriums, Chemical Equilibriums, and Solutions**



**Density and Viscosity for Mixtures of Athabasca Bitumen and Aromatic Solvents**

Jian Guo Guan, Mohammad Kariznovi, Hossein Nourozieh, and Jalal Abedi

pp 611-624

Publication Date (Web): February 7, 2013 (Article)

DOI: 10.1021/je3010722

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**Fossil Fuels, Derivatives, and Related Products**



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Chunhuan Luo, Qingquan Su, and Wanliang Mi

pp 625-633

Publication Date (Web): February 7, 2013 (Article)

DOI: 10.1021/je301084m

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M. S. Shaikh, A. M. Shariff, M. A. Bustam, and Ghulam Murshid

pp 634-638

Publication Date (Web): February 7, 2013 (Article)

DOI: 10.1021/je301091z

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Publication Date (Web): February 15, 2013 (Article)

DOI: 10.1021/je3011002

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Maša Knez Hrnčič, Robbie H. Venderbosch, Mojca Škerget, and Željko Knez

pp 648-652

Publication Date (Web): January 28, 2013 (Article)

DOI: 10.1021/je301146g

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**Density, Speed of Sound, Viscosity, Surface Tension, and Excess Volume of *N*-Ethyl-2-pyrrolidone + Ethanolamine (or Diethanolamine or Triethanolamine) from  $T = (293.15 \text{ to } 323.15) \text{ K}$**

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pp 653-659

Publication Date (Web): February 19, 2013 (Article)

DOI: 10.1021/je301123j

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Yana Wang, Yinxia Jia, Chao Qian, Ming Tao, Xuehao Lv, and Xinzhi Chen

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Publication Date (Web): March 5, 2013 (Article)

DOI: 10.1021/je301243f

 Section:

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Jun-Chao Zhou, Yuan-Yuan Che, Ke-Jun Wu, Jian Shen, and Chao-Hong He

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Publication Date (Web): February 22, 2013 (Article)

DOI: 10.1021/je301171y



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Niramol Juntarachat, Salma Bello, Romain Privat, and Jean-Noël Jaubert

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Publication Date (Web): February 14, 2013 (Article)

DOI: 10.1021/je301209u



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Publication Date (Web): February 21, 2013 (Article)

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Publication Date (Web): February 7, 2013 (Article)

DOI: 10.1021/je3011979

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DOI: 10.1021/je301220s

 Section:

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Publication Date (Web): February 21, 2013 (Article)

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Publication Date (Web): March 1, 2013 (Article)

DOI: 10.1021/je301237t

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Carlos Casas, Carles Fité, Monsterrat Iborra, Javier Tejero, and Fidel Cunill

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Publication Date (Web): February 28, 2013 (Article)

DOI: 10.1021/je301236k

 Section:

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**Validation of the Vaporization Enthalpies of Some Simple Aliphatic Amides and Their Use in the Evaluation of the Vaporization Enthalpy of Valpromide and Valnoctamide**

Alexis Gutterman, Nigam Rath, and James Chickos

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Publication Date (Web): February 7, 2013 (Article)

DOI: 10.1021/je3012452

 Section:

Physical Organic Chemistry



**Surface Tension of Dialkyl Carbonates + (Alkanes or 1,4-Dimethylbenzene) and 1,4-Dimethylbenzene + Alkanes Binary Mixtures at  $T = 308.15$  K**

Ana Gayol, Lidia M. Casás, Alfonsina E. Andreatta, Raquel E. Martini, and José L. Legido

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DOI: 10.1021/je301282p

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Publication Date (Web): February 12, 2013 (Article)

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Publication Date (Web): February 21, 2013 (Article)

DOI: 10.1021/je301356r



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pp 821-826

Publication Date (Web): March 4, 2013 (Article)

DOI: 10.1021/je400003r



Section:

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**COMMENTS AND REPLIES**

**Comment on “Measurement and Correlation of the Solubility of 2,6-Diaminohexanoic Acid Hydrochloride in Aqueous Methanol and Aqueous Ethanol Mixtures”**

Zhimao Zhou, Yixin Qu, Shui Wang, and Yongkun Zhang

pp 827-828

Publication Date (Web): February 27, 2013 (Comment/Reply)

DOI: 10.1021/je300525z



Section:

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