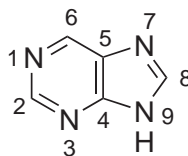


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2002, 67, 1109–1124

**Theoretical and Experimental Dipole Moments of Purines**Cyril Párkányi, Christian Boniface,  
Jean-Jacques Aaron, Mihaela Bulaceanu-MacNair and  
Marwan Dakkouri

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2002, 67, 1125–1140

**Molecular Interaction in Binary Mixtures of Benzyl Alcohol with Ethanol, Propan-1-ol and Octan-1-ol at 303 K: An Ultrasonic and Viscometric Study**Anwar Ali, Abida, Soghra Hyder and  
Anil Kumar Nain

The experimental values of the densities, ultrasonic speeds and viscosities were used to derive a number of useful parameters for binary mixtures of benzyl alcohol with ethanol, propan-1-ol and octan-1-ol. Intermolecular interaction between the components in these binaries was discussed using the above derived parameters. Also, the empirical relations dealing with the ultrasonic speed and viscosity in these mixtures were applied.

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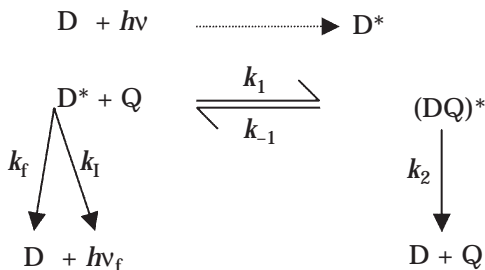
2002, 67, 1141–1153

**Conductance and Viscosity Studies of Ion Solvation in Mixed DMSO–MeOH Solvent**Mohinder S. Chauhan, Kishore C. Sharma,  
Girish Kumar and Suvarcha Chauhan

The solvation data reported in this paper constitute the "Preferential Solvation of Ions" probe information from conductance and viscosity measurements of electrolyte solution in DMSO–MeOH solvent system at 25 °C

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2002, 67, 1154–1164

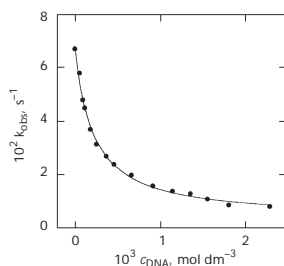
**Fluorescence Quenching of Aminodiphenylamines with Chloromethanes**Nachiappan Radha and  
Meenakshisundaram Swaminathan

Collect. Czech. Chem. Commun.

2002, 67, 1165–1172

**Influence of DNA on the Reaction Rate of an Electron Transfer Process: A Kinetic Study of the Reaction Between  $[\text{Co}(\text{Pyrazinecarboxylate})(\text{NH}_3)_4]^{2+}$  and  $[\text{Fe}(\text{CN})_6]^{4-}$  in Aqueous Solutions in the Presence of DNA**

Manuel López-López, Plácido Cárdeno, Francisco J. del Castillo, Luis González, Ana R. Méndez and Ana I. Platero

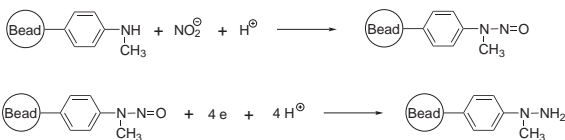


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2002, 67, 1173–1180

**Determination of Trace Nitrite by Differential Pulse Voltammetry Using Magnetic Microspheres**

Ming Yang and Hu Lin Li



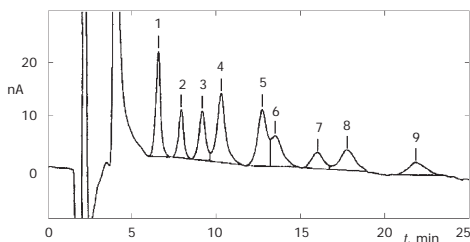
Collect. Czech. Chem. Commun.

2002, 67, 1181–1192

**Determination of Nitroaromatic Photodecomposition Products of Tecnazene Using Liquid Chromatography with Amperometric Detection**

Pavel Kubáň and Hugh Flowers

LC separation of 9 nitroaromates

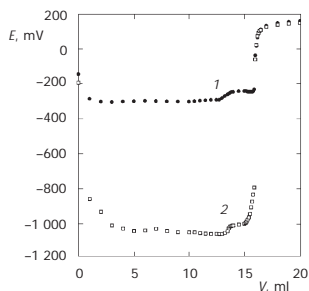


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2002, 67, 1193–1199

**Potentiometric Titration of Triazolethiols and Tetrazolethiols with Iodine in Alkaline Medium**

Witold Ciesielski and Anna Krenc

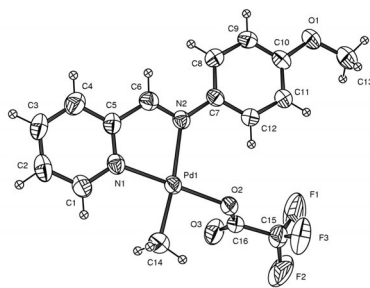


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2002, 67, 1200–1214

**Synthesis, Structural Preference and Catalytic Activity of Neutral and Cationic Methylpalladium(II) Complexes Containing *N*-Arylpyridine-2-carbaldimine Chelating Ligands**

Ana Arnaiz, Gabriel García-Herbosa,  
José V. Cuevas, Olivier Lavastre,  
Caroline Hillairet and Loïc Toupet

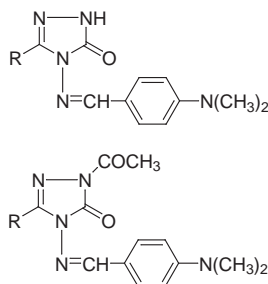


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2002, 67, 1215–1222

**Synthesis and Potentiometric Titrations of Some New 4-(Benzylideneamino)-4,5-dihydro-1*H*-1,2,4-triazol-5-one Derivatives in Non-Aqueous Media**

Şule Bahçeci, Haydar Yüksek, Zafer Ocak,  
Ibrahim Azaklı, Muzaffer Alkan and  
Mustafa Özdemir

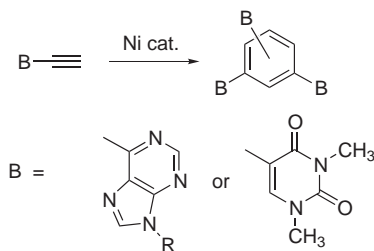


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2002, 67, 1223–1235

**Covalent Analogues of DNA Base-Pairs and Triplets IV. Synthesis of Trisubstituted Benzenes Bearing Purine and/or Pyrimidine Rings by Cyclotrimerization of 6-Ethynylpurines and/or 5-Ethynyl-1,3-dimethyluracil**

Michal Hocek, Irena G. Stará, Ivo Starý and  
Hana Dvořáková



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2002, 67, 1236–1246

**4,4'-Bipyridine-2,2',6,6'-tetracarboxamide. Synthesis and Self-Assembling Properties of the Free Base and the 1 : 1 Silver(I) Triflate Complex**

Petr Sehnal, Petr Holý, Miloš Tichý,  
Jiří Závada and Ivana Čísařová

