

**SECOND INTERNATIONAL
SYMPOSIUM
ON ORGANIC CHEMISTRY**

**Sofia, Bulgaria
13 - 16 December 2008**

PROGRAM OF POSTER SESSIONS

Poster Session 1

- P1-01** **M. Terzidis, J. Stephanidou-Stephanatou, C. A. Tsoleridis (Greece)**
Multicomponent Reactions Involving Zwitterionic Intermediates and Cyanochromones for the Construction of Heterocyclic Systems
- P1-02** **C. Neochoritis, N. Eleftheriadis, C. A. Tsoleridis, J. Stephanidou-Stephanatou (Greece)**
A thorough Study on the Reaction of DMAD with 1-Arylaminoimidazole-2-thiones. Expeditious Synthesis of Imidazothiazoles through a Novel Arylamino Rearrangement
- P1-03** **S. Kaur, G. Bansal, G. Singh (India)**
Synthesis of substituted 3-(4-nitrophenyl) triazoles as antiasthmatic agents
- P1-04** **R. Kooshkestani, M. N. Nezhati, F. Kobarfard (Iran)**
The synthesis of phosphonate derivative of benzothiazole as a new compound in the series of anti cancer materials
- P1-05** **Z. Kazemizadeh, A. R. Karimi, A. A. Mohammadi (Iran)**
A Novel One-Pot Syntheses of Some New Interesting Quinoxaline Derivatives
- P1-06** **M. Lashkaryzadeh (Iran)**
Environmental friendly and economical of synthesis of B-Aminoester
- P1-07** **S. Ivanova, G. Vasileva, D. Aleksiev (Bulgaria)**
Synthesis and Characterization of Some Ketosulfones
- P1-08** **E. M. Kirilova, S. V. Belyakov (Latvia)**
Synthesis and study of substituted amidinobenzanthrones
- P1-09** **D. Isik Tasgin, C. Unaleroglu (Turkey)**
Alkylation of pyrrole with methyl 2-(dimethoxyphosphoryl)-3-phenylacrylate catalyzed by metal triflates
- P1-10** **B. Temelli, D. Isik Tasgin, C. Unaleroglu (Turkey)**
Synthesis of Triarylmethanes from N-Tosyl Imines
- P1-11** **D. Rong, R. T. Wheelhouse (UK)**
Heterocyclic N-oxidation Using Urea-Hydrogen Peroxide as a Safe, Convenient and Efficient source of Hydrogen Peroxide
- P1-12** **G. Aghapour, K. Malekshahinezhad (Iran)**
Chemoselective and Solvent-free Conversion of Alcohols to Alkyl Chlorides Using Chlorodiphenylphosphine/2, 3-Dichloro-5, 6-dicyanobenzoquinone as a New and Efficient System under Neutral Conditions
- P1-13** **S. Moura, E. Pinto (Brazil)**
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- P1-14** **S. Bouzroua, R. Kaoua, B. Nedjar-Kolli (Algeria)**
On the synthesis of thiazolidines-4-ones
- P1-15** **M. Khorasani, M. M. Heravi (Iran)**
Heteropolyacids in one-pot synthesis of oxazolines and oxazine
- P1-16** **K. P. Guerra, C. A. M. Afonso (Portugal)**
More environmentally approach for the Baylis Hillman reaction between cyclopentenone and formaldehyde
- P1-17** **E. Malamidou-Xenikaki, S. Spyroudis, E. Tsovaltzi (Greece)**
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- P1-18** **H. Tajik, Kh. Niknam, S. Bakhshi najafi (Iran)**
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a Modified Ritter Reaction
- P1-19** **M. A. Nozari, R. Amiri (Iran)**
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- P1-20** **P. Padyab, R. Amiri (Iran)**
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- P1-21** **M. R. Caira, M. T. Caproiu, F. Dumitrascu, C. Draghici, M. Popa, D. G. Dumitrescu (Romania, South Africa)**
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- P1-22** **L. Barbu, M. T. Căproiu, D. E. Dumitrescu, C. Drăghici, F. Dumitrașcu (Romania)**
New pyrrolo[1,2-*b*]pyridazines via mesoionic oxazolo[3,2-*b*]pyridazin-2-one
- P1-23** **A. Hasaninejad, M. Shekouhy (Iran)**
Synthesis of Quinoxalines in Tap Water Using Zr(DS)₄ as a Lewis Acid- Surfactant Combined Catalyst
- P1-24** **D. Zvezdova, S. Stoeva, D. Aleksiev, N. Vasilev (Bulgaria)**
Diene Syntheses Involving Substituted Arylvinylsulfones
- P1-25** **S. Glang, J. Preis, P. Christ, H. Detert (Germany)**
Synthesis of 1,2,4-Triazolo-annulated Azines from Tetrazoles
- P1-26** **A. Molnár, Z. Mucsi, G. Vlád, Z. Finta, I. Hermeicz, F. Faigl (Hungary)**
Synthesis of halogeno derivatives of 4H-pyrido[1,2-*a*]pyrimidin-4-ones
- P1-27** **A. G. Bojilova, R. D. Nikolova, N. I. Petkova (Bulgaria)**
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- P1-28** Th. Symeonidis, M. Kallitsakis, K. E. Litinas, D. J. Hadjipavlou-Litina (Greece)
Synthesis and biological evaluation of [7,8]-fused furo- and pyranocoumarins derived from 2,3-naphthalenediol or 5,6,7,8-tetrahydro-2,3-naphthalenediol
- P1-29** A. Thalassitis, K. E. Litinas, D. J. Hadjipavlou-Litina (Greece)
Synthesis and biological evaluation of homo-N-nucleosides resulting from the reaction of acetonitrile oxide with 9-allyl-6-chloropurine or 9-allyladenine derivatives
- P1-30** P. Kriplani, P. Pareek, Mithilesh, K. G. Ojha (India)
Synthesis and biological activity of some heterocyclic compounds containing benzothiazole and triazine moiety
- P1-31** K. F. Ansari, C. Lal (India)
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- P1-32** S. Basheer, M. Hugerat (Israel)
Enzymatic synthesis of phospholipid derivatives for use as drug delivery vehicles
- P1-33** N. Azizi, M. Lashkaryzadeh, M. Mortazaei (Iran)
A Green and Highly Efficient Alkylation of Thiols with Quantitative Yields in Water
- P1-34** L. Stevenson, S. L. Pimlott, A. Sutherland (UK)
New Methodology For The Synthesis Of SPECT Imaging Agents For The Peripheral Benzodiazepine Receptor
- P1-35** K. Hammoudi, S. Douali, M. Nabiev (Algeria)
Synthesis of p-t- butylphenoxyacetic acids derivatives with Bactericidal Activity from p- Alkylphenols
- P1-36** N. K. Davydova (Russia)
Synthesis of 1,5-diaminopentanes derivatives possessing an antifibrillatory activity
- P1-37** M. Gerova, L. Ivanova, M. Apostolova, O. Petrov (Bulgaria)
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- P1-38** M. Kandinska, M. Bogdanov, T. Baramov, E. Stanoeva, N. Burdzhiev (Bulgaria)
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- P1-39** T. Walther, H.-D. Arndt, H. Waldmann (Germany)
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- P1-40** F. Torrens, G. Castellano (Spain)
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- P1-41** V. M. Trusova, G. P. Gorbenko, T. Deligeorgiev, A. Vassilev, N. Gadjev (Ukraine, Bulgaria)
A new fluorescent probe for tracing oxidative processes in membrane systems
- P1-42** M. S. Ahmad, M. Hussain, M. Hanif, S. Ali, I. Ahmed, B. Mirza (Pakistan)
Antimicrobial investigation of organotin(IV) derivatives of 3, 4-Methylenedioxy-6-Nitrophenylpropenoic acid
- P1-43** A. R. Bekhradnia, S. Arshadi, S. Kazemi (Iran)
Solvent effects in potential energy surfaces of the pair of organic bases in DNA and RNA structures: Theoretical Study
- P1-44** **G. Andreev (Russia)**
Theoretical study of atmospherically important reaction of acetone with OH radical
- P1-45** D. Cheshmedzhieva, S. Ilieva, B. Hadjieva, B. Galabov (Bulgaria)
The mechanism of alkaline hydrolysis of amides. A comparative computational and experimental study of the hydrolysis of N-methylacetamide, N-methylbenzamide, and acetanilide
- P1-46** M. Sokolova, M. Grigoriev, A. Fedoseev (Russia)
Synthesis, crystal structure and some properties of complexes of tetravalent actinides (Th, U, Np, Pu) with dipicolinic acid
- P1-47** A. P. Simeonov, S. P. Simeonov, V. B. Kurteva (Bulgaria)
Separation of chiral benzyl alcohols by HPLC on DNBPG stationary phase after non-chiral derivatizations

Poster Session 2

- P2-01** A. R. Bekhradnia, M. A. Ebrahimzadeh (Iran)
Biologically activity and structural relation of Propanolol, Nadolol, Bunolol, and Timolol: An *abinitio* study
- P2-02** I. Todorova, B. Stamboliyska, S. Parushev, D. Batovska (Bulgaria)
Developing of chalcones with radical scavenging properties
- P2-03** I. Barvik, K. Malac (Czech Republic)
Homology Modeling and Molecular Dynamics Simulations of Bacterial RNA Polymerases
- P2-04** G. Andreev (Russia)
Oxidation of atmospheric organic matter: modeling of isoprene ozonolysis
- P2-05** N. I. Petkova, R. D. Nikolova, K. Kostov, T. Mineva, G. N. Vayssilov (Bulgaria, France)
Local reactivity of 3-substituted coumarin derivatives evaluated by calculated and experimental parameters
- P2-06** D. Cheshmedzhieva, S. Ilieva, B. Hadjieva, T. Trayanova, B. Galabov (Bulgaria)
Reactivity of Acetanilides in the Alkaline Hydrolysis Reaction: Theory vs. Experiment
- P2-07** P. Petkov, M. Minkova, G. Vayssilov (Bulgaria)
Formation of chloroform complexes in alkali exchanged zeolites
- P2-08** A. Gharib, M. Roshani, M. Jahangir (Iran)
A Catalytic synthesis of γ -butyrolactone, ϵ -caprolactone in the presence of Preyssler's anion, $[\text{NaP}_5\text{W}_{30}\text{O}_{110}]^{14-}$, as a green and reusable catalyst
- P2-09** M. Vadi, N. Astaneh (Iran)
Catalytic reforming of n-heptane on platinum-vanadium supported on gamma-alumina
- P2-10** J. Romanova, T. Miteva, A. Ivanova, A. Tadjer, M. Baumgarten (Bulgaria, Germany)
Symmetry-based Theoretical Approach to Spin-hybrid Molecular Magnets
- P2-11** R. Hekmatshoar, S. Sajadi (Iran)
 $\text{H}_{14}[\text{NaP}_5\text{W}_{30}\text{O}_{110}]$ as a Heterogeneous Recyclable Catalyst for the Synthesis of 6,8-Dimethyl-3-aryl[1,2,4] triazolo[3,4-b][1,3,4]thiazepine Derivatives
- P2-12** M. M. Heravi, S. Sadjadi (Iran)
Silica-supported Preyssler Nanoparticles as New Catalyst in Synthesis of 4(3H)-Quinazolinones
- P2-13** S. Khaleghi, M. M. Heravi, M. Khosroshahi (Iran)
A Very High Yielding and Facile Alkaline Earth Metals Homogeneous Catalysis of Biginelli Reaction: An Improved Protocol

- P2-14** K. Dikova, K. Kostova, S. Simova, A. Linden, A. Chimov, V. Dimitrov (Bulgaria, Switzerland)
Metallocene analogues of *Betti*-base – configuration determination and catalytic activity in the enantioselective addition of diethylzinc to aldehydes
- P2-15** M. Stoyanova, V. Dimitrov, A. Chimov (Bulgaria)
Synthesis of chiral N-,O-functionalized ligands prepared from 10-camphorsulfonyl chloride for the enantioselective addition of diethylzinc to benzaldehyde
- P2-16** I. Philipova, G. Dobrikov, V. Dimitrov (Bulgaria)
Chiral aminoalcohols with differently substituted norbornane core for the asymmetric addition of diethylzinc to aldehydes
- P2-17** T. Berends, M. Schürmann, I. Oppel, K. Jurkschat (Germany)
Finally achieved: The molecular structures of 5-aza-2,8-dioxo-1-stanna(II)bicyclo[3.3.0]octanes, their tungsten pentacarbonyl complexes, and related derivatives
- P2-18** M. Atanassova, V. Lachkova, N. Vassilev, B. Shivachev, S. Varbanov, I. Dukov (Bulgaria)
Effect of *p-tert*-butylcalix[4]arene fitted with phosphinoyl pendant arms as synergistic agent in the solvent extraction of trivalent lanthanoids with 4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedione
- P2-19** M. Sokolova, A. Fedoseev (Russia)
Synthesis and crystal structure of complexes of Nd(III) and Am(III) with some organic ligands
- P2-20** M. Sokolova, M. Grigoriev, A. Fedoseev (Russia)
Synthesis, crystal structure and some properties of complexes of hexavalent actinides with dipicolinic acid
- P2-21** G. Georgieva, G. Petrova, G. Gencheva, G. Vayssilov (Bulgaria)
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- P2-22** M. Mitewa, M. Kashchieva, N. Stoyanov, G. Gochev (Bulgaria)
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- P2-23** D. Aleksiev, S. Ivanova, R. Valeva, M. Dimov (Bulgaria)
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- P2-24** D. Aleksiev, S. Ivanova, R. Valeva, M. Dimov (Bulgaria)
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- P2-25** P. Tzvetkova, Y. Zagranyski, T. Cholakova, S. Simova (Bulgaria)
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- P2-26** Y. N. Mitrev, M. G. Bogdanov (Bulgaria)
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- P2-27** S. Zareva, **B. B. Koleva, T. Kolev (Bulgaria)**
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- P2-28** S. Stoyanov, **S. Stanimirov, I. Petkov, S. Saltiel, Y. Sheng, K. Koynov (Bulgaria, Germany)**
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- P2-29** A. Vasilev, **T. Deligeorgiev, T. Tsvetkova, S. Kaloyanova, J. J. Vaquero, J. Alvarez-Builla, A. Baeza (Bulgaria, Spain)**
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- P2-30** R. D. Nikolova, **B. B. Koleva (Bulgaria)**
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- P2-31** L. Fotouhi, **S. Asadi, E. Tammari (Iran)**
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- P2-32** **A. M. Al-Ajlouni (Jordan)**
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- P2-33** H. Mankolli, **M. Lika (Çekani), A. Shumeli (Albania)**
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- P2-34** M. Lika (Çekani), **H. Mankolli (Albania)**
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- P2-35** **L. Gonsalvesh, S. P. Marinov, M. Stefanova, J. Yperman, R. Carleer, G. Reggers (Bulgaria, Belgium)**
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- P2-37** K. Markova, **M. Stefanova, S. Marinov, M. Ivanov, Ch. Pimpirev, S. Valcheva (Bulgaria)**
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- P2-38** **D. Livadiotou, C. A. Tsoleridis, J. Stephanidou-Stephanatou (Greece)**
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- P2-40** **B. Kilitoglu, S. Wetzel, H.-D. Arndt (Germany)**
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- P2-41** **V. A. Hadjimitova, T. T. Traykov, P. D. Hadjieva, Y. Ganeva, M. Valyova, E. Marotta, R. Seraglia, P. Traldi (Bulgaria, Italy)**
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- P2-42** **P. Y. Petrov, N. G. Vassilev, S. E. Angelova, B. L. Shivachev, G. P. Petrov (Bulgaria, USA)**
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- P2-44** **M. E. Zeynali, A. R. Abbasnejad (Iran)**
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- P2-45** **A. R. Todorov, V. B. Kurteva, R. P. Bontchev, N. G. Vassilev (Bulgaria, USA)**
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