ARKIVOC Volume 2008

Part (viii): Commemorative Issue in Honor of Prof. Arlette Solladie-Cavallo on the occasion of her 70th anniversary

Facilitators: Marta Salisova and Marin Roje Scientific Editor: Paul Krapcho

1. A Tribute to Prof. Arlette Solladie-Cavallo (AS-1432CT)

Prof. Marta Salisova, Prof. Marin Roje

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accepted Apr 11 2007; published Jun 10 2007;

2. Asymmetric intramolecular Pd(II)-catalysed oxycarbonylation of alkene-1,3-diols (AS-2670CP)

Peter KapitÃjn and Tibor Gracza

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received Jul 24 2007; accepted Sep 10 2007; published Sep 25 2007;

3. Samarium diiodide-induced reductive coupling of chiral nitrones with methyl acrylate (AS-2811CP) *Juraj RehÃįk, Lubor Fišera, Jozef KožÃšek, Lucia PerašÃnovÃį,b Bohumil Steiner and Miroslav Koóš*

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received Oct 8 2007; accepted Oct 30 2007; published Nov 7 2007;

4. Atropisomerism in the 2-arylimino-*N*-(2-aryl)-thiazoline series (AS-2794CP)

Christian Roussel, Nicolas Vanthuyne, Nadezhda Shineva, Mohamed Bouchekara and Ayada Djafri Full Text: PDF (410K)

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received Oct 2 2007; accepted Oct 30 2007; published Nov 7 2007;

5. Stereoselective conjugate addition of organolithium reagents to unprotected 4-hydroxy-2-cyclopentenones (AS-2832CP)

Gabriela de la HerrÃin, JoaquÃn Plumet, Amaya Segura, Araceli Silverio and Aurelio G. Csákÿ Full Text: PDF (223K)

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HO

R

i) MeMgBr

ii) RLi

iii) H₂O

HO

$$R = R^2 \longrightarrow Bu$$

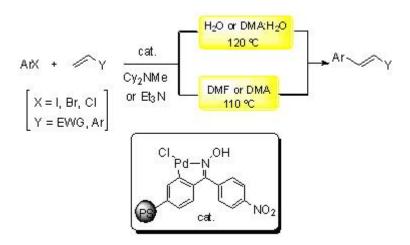
received Oct 19 2007; accepted Nov 23 2007; published Dec 12 2007;

6. The Mizoroki-Heck reaction in organic and aqueous solvents promoted by a polymer-supported Kaiser oxime-derived palladacycle (AS-2881CP)

Emilio Alacid and Carmen NÃjjera

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7. Synthesis and NMR-spectroscopic characterization of diastereomeric bicyclo[4.2.0]octane-2,7-diones (AS-2803CP)

Kerstin Schmidt and Paul Margaretha

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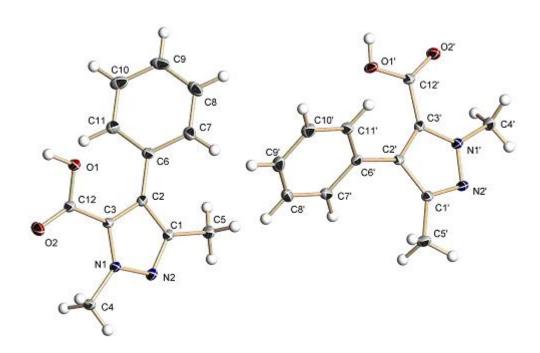
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8. The molecular structure of 1,3-dimethyl-4-phenyl-1*H*-pyrazole-5-carboxylic acid (AS-2862CP)

Cristina Fernández-Fernández, Nadine Jagerovic, Ibon Alkorta, Celia M. Maya, Lourdes Infantes and José Elguero

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9. Synthesis and antiproliferative activity of 1-methoxy-, 1-(α -D-ribofuranosyl)- and 1-(β -D-ribofuranosyl)brassenin B (AS-2920CP)

Zuzana ČurillovÃj, Peter Kutschy, Eva SolčÃjniovÃj, Martina PilÃjtovÃj, JÃjn Mojžiš, and VladimÃr KovÃjčik Full Text: PDF (361K)

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10. An expedient synthesis of **2,5**-dihydroxytyrosol and studies on its effects on cell growth inhibition (AS-2875CP)

Sergio Ammendola, Luciana Mosca and Paolo Bovicelli

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pro-oxidant, cell growth inhibitor

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11. Asymmetric conjugate additions of dialkylzinc reagents to enones promoted by new purely atropisomeric phosphoramidite ligands (AS-2917CP)

Patrizia Scafato, Stefano Superchi and Carlo Rosini

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$$L^* = \begin{array}{c} Cu(OTf)_2, L^* \\ \hline R_2Zn, toluene \\ \hline \end{array}$$

received Nov 27 2007; accepted Jan 23 2008; published Feb 26 2008;

12. Effect of propargylic substitution on the 5-endo-trig cyclization of bromomethyldimethylsilyl propargyl ethers (AS-2959CP)

Stéphane Bogen, Jean-Philippe Goddard, Louis Fensterbank and Max Malacria

Full Text: PDF (286K)

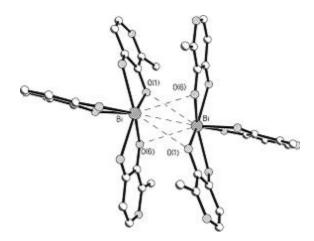
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received Dec 18 2007; accepted Feb 28 2008; published Mar 9 2008;

13. Stereoactive lone pair of electrons on bismuth(III): tris(3-hydroxy- 2-methyl-4*H*-pyran-4-onato)bismuth(III) (AS-2964CP)

Boris G. Sukhov, Svetlana A. Mukha, Irina A. Antipova, Svetlana A. Medvedeva, Lyudmila I. Larina, Nina N. Chipanina, Olga N. Kazheva, Gennadii V. Shilov, Oleg A. Dyachenko and Boris A. Trofimov Full Text: PDF (320K)

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14. Synthesis and elaboration of trans 2,3-diaryloxiranes (AS-2967CU)

Carlo Bonini and Paolo Lupattelli

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15. Synthesis and study of new antimicrobial benzothiazoles substituted on heterocyclic ring (AS-2925CP)

 $\textit{Ivica Sigmundov} \tilde{\textit{Ai}}, \textit{Pavol Zahradn} \tilde{\textit{Ak}}, \textit{Peter Magdolen and Helena Bujd} \tilde{\textit{Ai}} \textit{kov} \tilde{\textit{Ai}}$

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$$Z \xrightarrow{S} CH_3 \xrightarrow{R-X} Z \xrightarrow{S} CH_3 \xrightarrow{R} X$$
 $C=CH \xrightarrow{Donor} Z \xrightarrow{N} X$
 $Z \xrightarrow{N} Z \xrightarrow{N} Z \xrightarrow{N} Z$
 $Z \xrightarrow{N} Z \xrightarrow{N} Z \xrightarrow{N} Z$
 $Z \xrightarrow{N} Z \xrightarrow{N} Z \xrightarrow{N} Z$

received Dec 3 2007; accepted Feb 11 2008; published Apr 4 2008;

16. Continuous-flow microreactor multi-step synthesis of an aminonaphthalene derivative as starting material for the preparation of novel anticancer agents (AS-2888CP)

Lutz F. Tietze and Deshan Liu

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17. New sulfur-phosphine ligands derived from sugars: synthesis and application in palladium-catalyzed allylic alkylation and in rhodium asymmetric hydrogenation (AS-3166CP)

Noureddine Khiar, Raquel Navas, Eleuterio Ã🛮 Ivarez and Inmaculada Fernà indez

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18. Efficient synthesis of 2-alkyl-2-hydroxy-6-X-1-tetralones (AS-3124CP)

Marek Pažický, Vladislav Semak, Boris Gášpár, Adela BÃlešová, Marta Sališová and Andrej Boháč

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Synthesis of 2-alkyl-6-X-1-tetralones

Synthesis of 2-alkyl-2-hydroxy-6-X-1-tetralones

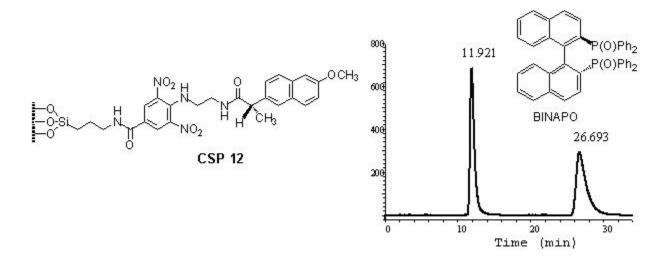
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19. Separation of BINAPO enantiomers on brush-type chiral stationary phases (AS-3233CP)

Vladimir Vinković, Marin Roje, Darko Kontrec and Vitomir Šunjić

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