#### **ARKIVOC Volume 2007**

## Part (v): Commemorative Issue in Honor of Prof. Lutz F. Tietze on the occasion of his 65th anniversary

Facilitator: Christoph Schneider Scientific Editor: Anthony Waring

### 1. A Tribute to Prof. Lutz F. Tietze (LT-1423HT)

Full Text: PDF (275K)

pp. 1 - 5

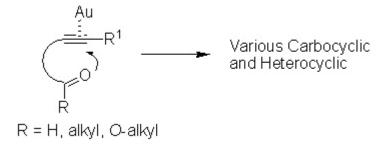
accepted Jun 15 2006; published Jun 20 2006;

### 2. Gold-catalyzed reactions of oxo-alkynes (LT-1797HR)

Nitin T. Patil and Yoshinori Yamamoto

Full Text: PDF (160K)

pp. 6 - 19



received Jan 19 2006; accepted Feb 23 2006; published Jul 16 2006;

# 3. Aminolysis of *N*-tosylaziridines: an approach to asymmetric synthesis of symmetric and unsymmetric chiral sulfonamide ligands (LT-1905HP)

Alakesh Bisai, B.A. Bhanu Prasad and Vinod K. Singh

Full Text: PDF (363K)

pp. 20 - 37

received Apr 21 2006; accepted Jul 10 2006; published Jul 19 2006;

# **4.** Enantioselective ring expansion of prolinols and ring-closing metathesis: formal synthesis of (-)-swainsonine (LT-1958HP)

Ingrid DÃ@champs, Domingo Gomez Pardo and Janine Cossy

Full Text: PDF (262K)

pp. 38 - 45

received Jun 13 2006; accepted Jul 27 2006; published Aug 15 2006;

### 5. Total synthesis of dehydro-boscialin glucoside (LT-1971HP)

Karsten Krohn and Attila Agocs

Full Text: PDF (112K)

pp. 46 - 49

4'-glucopyranosyloxy-2',3'-dehydro-boscialin

received Jun 26 2006; accepted Aug 18 2006; published Sep 7 2006;

### 6. Synthesis and catalytic application of novel binaphthyl-derived phosphorous ligands (LT-1961HP)

Kathrin Junge, Bernhard Hagemann, Stephan Enthaler, Giulia Erre and Matthias Beller

Full Text: PDF (416K)

pp. 50 - 66

received Jun 14 2006; accepted Aug 3 2006; published Sep 15 2006;

# 7. Gold catalysis in organic synthesis: efficient intramolecular cyclization of γ-acetylenic carboxylic acids to 5-exo-alkylidene-butyrolactones (LT-2009HP)

Emilie Genin, Patrick Y. Toullec, Peggy Marie, Sylvain Antoniotti,  $C\tilde{A}$  ©lia Brancour, Jean-Pierre Gen $\tilde{A}$  and  $V\tilde{A}$  ©ronique Michelet

Full Text: PDF (265K)

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AuCl 
$$R^{1}$$
  $R^{2}$   $R^{3}$   $R^{3}$   $R^{1}$   $R^{2}$   $R^{3}$   $R^{2}$   $R^{3}$   $R^{4}$   $R^{2}$   $R^{2}$   $R^{3}$   $R^{2}$   $R^{3}$   $R^{4}$   $R^{2}$   $R^{2}$   $R^{2}$   $R^{3}$   $R^{4}$   $R^{2}$   $R^{2}$   $R^{3}$   $R^{4}$   $R^{2}$   $R^{2}$   $R^{3}$   $R^{4}$   $R^{2}$   $R^{3}$   $R^{4}$   $R^{4}$ 

received Jul 17 2006; accepted Sep 1 2006; published Sep 22 2006;

# 8. Superparamagnetic iron oxide nanoparticles functionalized with peptides by electrostatic interactions (LT-1936HP)

Nicole Hildebrandt, Dana Hermsdorf, Ruth Signorell, Stephan A. Schmitz and Ulf Diederichsen Full Text: PDF (1,043K)

pp. 79 - 90

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received May 28 2006; accepted Aug 28 2006; published Sep 22 2006;

### 9. A synthesis of 2,3-dihydro-4-pyridones (LT-2057HP)

Michael Harmata and Dong Reyoul Lee

Full Text: PDF (289K)

pp. 91 - 103

# 10. Microwave-accelerated Mizoroki-Heck and Sonogashira cross- coupling reactions in water using a heterogeneous palladium(II)-precatalyst (LT-1938HP)

Kamal M. Dawood, Wladimir Solodenko and Andreas Kirschning

Full Text: PDF (326K)

pp. 104 - 124

received May 29 2006; accepted Aug 24 2006; published Oct 5 2006;

# 11. Preparation of 2-diazo-2-oxopiperidin-3-yl-3-oxopropanoates. Useful reagents for Rh(II)-catalyzed cyclization-cycloaddition chemistry (LT-2123HP)

Xuechuan Hong, José M. MejÃa-Oneto, Stefan France and Albert Padwa

Full Text: PDF (301K)

pp. 125 - 138

received Aug 30 2006; accepted Nov 3 2006; published Nov 13 2006;

# 12. Studies towards a biomimetic synthesis of $\alpha$ -cyclopiazonic acid: synthesis of 5-substituted isoxazole-4-carboxylic esters (LT-1941HP)

Vijayalakshmi A. Moorthie, Eoghan M. McGarrigle, Rachel Stenson and Varinder K. Aggarwal

Full Text: PDF (314K)

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a 
$$\rightarrow$$
 0 N towards
EtO<sub>2</sub>C b

 $\rightarrow$  H

 $\rightarrow$  C

 $\rightarrow$  H

 $\rightarrow$  C

 $\rightarrow$  H

 $\rightarrow$  C

 $\rightarrow$  Cyclopiazonic acid

received Jun 2 2006; accepted Nov 2 2006; published Nov 13 2006;

## 13. Intermolecular 1,3-dipolar cycloadditions of azomethine imines (LT-2118HP)

Raymond C. F. Jones, Stephen J. Hollis and James N. Iley

Full Text: PDF (338K)

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received Aug 29 2006; accepted Oct 27 2006; published Nov 13 2006;

# 14. Stereoselective preparation of $\gamma$ - and $\sigma$ -sultams by thermal and high-pressure intramolecular DielsÂ-Alder reaction of vinylsulfonamides (LT-2082HP)

Victor O. Rogachev and Peter Metz

Full Text: PDF (417K)

pp. 167 - 190

received Aug 11 2006; accepted Nov 3 2006; published Nov 13 2006;

## 15. Selective lithiation of 1-chloro-n-phenylsulfanylalkanes (LT-2209HP)

Abdeslam Abou, Francisco Foubelo and Miguel Yus

Full Text: PDF (233K)

pp. 191 - 201

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## 16. Synthesis and steric structure of pyrrolidine- and piperidine-fused 1,3,4,2-oxadiazaphosphinanes

(LT-2196HP)

TamÃis A. Martinek, Éva Szolnoki, Zita ZalÃin and Ferenc Fülöp

Full Text: PDF (259K)

pp. 202 - 209

received Oct 5 2006; accepted Nov 30 2006; published Dec 18 2006;

#### 17. Recent developments in the isolation and synthesis of D-homosteroids and related compounds

(LT-2114HR)

JÃinos Wölfling Full Text: PDF (305K)

pp. 210 - 230

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# 18. Synthesis of novel 3-arylcyclopenta[c]quinolines via acid-induced domino cyclization of 2-arylamino-2-methylthioethenyl 2-arylcyclopropyl ketones (LT-2238HP)

S. K. S. Yadav, A. K. Yadav, G. S. M. Sundaram, H. Ila and H. Junjappa

Full Text: PDF (279K)

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received Oct 30 2006; accepted Jan 10 2007; published Jan 25 2007;

# **19. 3,5-Bis-(trifluoromethyl)phenyl sulfones in the synthesis of 3,5-disubstituted cyclopent-2-enones** (LT-2241HP)

Diego A. Alonso, Armin Babrowski, M $ilde{A}^3$ nica Fuensanta, Carmen N $ilde{A}$ ijera and Montserrat Varea

Full Text: PDF (420K)

pp. 243 - 262

BTFPO<sub>2</sub>S 
$$R$$
  $X$   $R$   $R = Ar, CO2Pri, CN, PO(OEt)2  $X = N_3$ , Br$ 

received Oct 31 2006; accepted Jan 10 2007; published Jan 26 2007;

### 20. C-Imidoylation of esters, sulfones, sulfoxides, amides and nitro compounds (LT-2249HP)

Alan R. Katritzky, Niveen M. Khashab and Anamika Singh

Full Text: PDF (301K)

pp. 263 - 276

FG= Ester, Sulfone, Sulfoxide, Amide or Nitro Compound

received Nov 9 2006; accepted Dec 25 2006; published Feb 2 2007;

## 21. Selective ring opening of silylated vinyloxiranes and reactivity of azido-alcohols (LT-2218HP)

Jean-Charles Marié, Christine Courillon and Max Malacria

Full Text: PDF (326K)

pp. 277 - 292

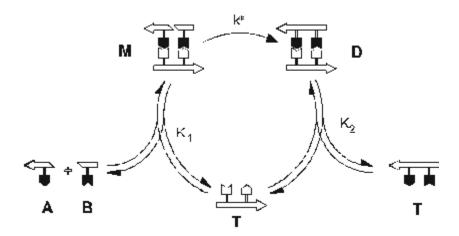
received Oct 23 2006; accepted Feb 13 2007; published Mar 1 2007;

### 22. Self replicating systems (LT-1939HR)

Volker Patzke and Günter von Kiedrowski

Full Text: PDF (3,313K)

pp. 293 - 310



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