### Part (i): General Papers

### 1. Synthesis and spectroscopy of the TrögerÂ's base derived from 2-aminoacridine (03-651AP)

Fabien Carrée, Carmen Pardo, Jean-Pierre Galy, Gerard Boyer, Maxime Robin and José Elguero Full Text: PDF (216K)

pp. 1 - 8

$$\frac{\text{CH}_2\text{O})_n/\text{TFAA}}{\text{rt, 24h}}$$

received Aug 12 2002; accepted Jan 28 2003; published Feb 15 2003;

### 2. Total synthesis of hydroxymethyl isonucleosides as potential antiviral agents (03-661KP)

Vasu Nair and Byoung-Kwon Chun

Full Text: PDF (127K)

pp. 9 - 21

received Jan 24 2003; accepted Mar 24 2003; published Apr 9 2003;

#### 3. Synthesis of oxo analogs of Lamotrigine and some related compounds (03-556FP)

Jan HlavÃjc, Roman BuchtÃk, Jan Slouka, Pavel Hradil and Iveta WiedermannovÃj

Full Text: PDF (202K)

pp. 22 - 28

$$\begin{array}{c} CI \\ CI \\ (1) \\ (1) \\ (1) \\ (2) \\ (3) \\ (3) \\ (4) \\ (4) \\ (5) \\ (6) \\ (6) \\ (7) \\ (8) \\ (8) \\ (8) \\ (1) \\ (1) \\ (1) \\ (2) \\ (3) \\ (3) \\ (4) \\ (4) \\ (5) \\ (4) \\ (5) \\ (7) \\ (7) \\ (8) \\ (8) \\ (8) \\ (8) \\ (1) \\ (1) \\ (1) \\ (2) \\ (3) \\ (3) \\ (4) \\ (4) \\ (5) \\ (4) \\ (5) \\ (7) \\ (7) \\ (8) \\ (8) \\ (8) \\ (8) \\ (1) \\ (9) \\ (1) \\ (1) \\ (1) \\ (1) \\ (1) \\ (2) \\ (3) \\ (4) \\ (4) \\ (5) \\ (5) \\ (6) \\ (6) \\ (6) \\ (7) \\ (7) \\ (8) \\ (8) \\ (8) \\ (8) \\ (1) \\ (1) \\ (1) \\ (1) \\ (2) \\ (3) \\ (4) \\ (4) \\ (5) \\ (5) \\ (6) \\ (6) \\ (7) \\ (7) \\ (8) \\ (8) \\ (8) \\ (8) \\ (1) \\ (1) \\ (1) \\ (1) \\ (1) \\ (2) \\ (3) \\ (4) \\ (4) \\ (4) \\ (5) \\ (4) \\ (5) \\ (5) \\ (6) \\ (6) \\ (7) \\ (7) \\ (7) \\ (8) \\ (7) \\ (8) \\ (7) \\ (8) \\ ($$

received Sep 15 2002; accepted Mar 24 2003; published Apr 9 2003;

### 4. E/Z Conformational equilibrium of N-substituted 2H-pyran-2-imines (03-628EP)

Cornelia Uncuţa, Adriana Tudose, Miron Teodor Căproiu and Silvia Udrea

Full Text: PDF (242K)

pp. 29 - 36

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### **5. A degradation product of methylene blue** (03-663EP)

M. John Plater

Full Text: PDF (246K)

pp. 37 - 42

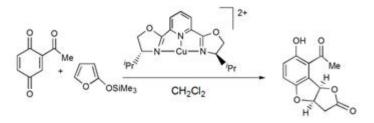
received Jan 26 2003; accepted Mar 28 2003; published Apr 29 2003;

# **6.** Addition of 2-[(trimethylsilyloxy)]furan to 2-acetyl-1,4-benzoquinone using chiral non-racemic copper(II)-pybox catalysts (03-680KP)

Maria D. K. N. Towers, Paul D. Woodgate and Margaret A. Brimble

Full Text: PDF (317K)

pp. 43 - 55



received Feb 5 2003; accepted Apr 7 2003; published Apr 29 2003;

#### 7. o-Acylbenzaldehydes in organic synthesis: a brief review (03-740RR)

Antigoni Kotali, Ioannis S. Lafazanis and Anna Christophidou

Full Text: PDF (211K)

pp. 56 - 68



received Mar 21 2003; accepted Apr 28 2003; published Apr 29 2003;

### 8. Reaction of amino acids with *exo*-3,6-epoxy-1,2,3,6-tetrahydrophthalic anhydride forms hemimaleate salts, not maleimides (03-686EP)

John E. T. Corrie and V. Ranjit N. Munasinghe

Full Text: PDF (54K)

pp. 69 - 72

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# 9. Asymmetric aldol reactions of *N*-propionyl derivative of chiral auxiliary derived from terpene alcohol *cis*-myrtanol with benzaldehyde (03-674EP)

Tariq R. Sobahi

Full Text: PDF (148K)

pp. 73 - 80

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10. The reaction of 2-chloro-1-methoxynaphthalene and 2-bromobiphenylene with 3-cyanophthalides under aryne-forming conditions: convenient synthesis of annular polycyclic aromatic compounds (03-536HP)

Yingchun Lu, Cheng-Han Wu and Ed Biehl

Full Text: PDF (152K)

pp. 81 - 85

$$R_2 + R_3 =$$

or

 $R_1$ 
 $R_2$ 
 $R_3$ 
 $R_3$ 
 $R_3$ 
 $R_3$ 
 $R_4$ 
 $R_4$ 
 $R_5$ 
 $R_$ 

received Jul 18 2002; accepted May 5 2003; published May 9 2003;

# 11. γ-Regioselectivity of (furan-2-yloxy)-trimethyl-silane towards iminium salts: synthesis of γ-arylidenebutenolides (03-703EP)

Stefan Piper and Nikolaus Risch

Full Text: PDF (103K)

pp. 86 - 92

received Feb 21 2003; accepted May 5 2003; published May 13 2003;

# **12.** Designer ligands. Part **11.** Electron-ionisation mass spectrometric studies of polydentate malonamide-derived ligands (03-670KP)

André Daubinet and Perry T. Kaye

Full Text: PDF (218K)

pp. 93 - 104

received Jan 31 2003; accepted May 26 2003; published May 27 2003;

# **13.** Synthesis, spectroscopic characterization and *in vitro* antitumor activity of new *trans* **1**-heteroaryl-**2-(1-methylpyridinium-2-yl) ethylenes** (03-629KP)

Francesco P. Ballistreri, Vincenza Barresi, Giuseppe Consiglio, Cosimo G. Fortuna, Maria L. Longo and Giuseppe Musumarra

Full Text: PDF (167K)

pp. 105 - 117

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# **14.** Pyrazole, pyrazolo[1,2-*c*]-1,3,4-thiadiazole and thiadiazepine derivatives from thiosemicarbazides (03-708HP)

Alaa A. Hassan, Nasr K. Mohamed, Ahmed M. Shawkya and Dietrich  $D\widetilde{A}\P pp$ 

Full Text: PDF (232K)

pp. 118 - 128

received Feb 27 2003; accepted Jun 18 2003; published Jul 10 2003;