ARKIVOC Volume 2000

Part (v): Commemorative Issue in Honor of Prof. O. Meth-Cohn on the occasion of his retirement from the University of Sunderland

Facilitator: Charles Rees Scientific Editor: Charles Rees

Graphical Abstracts PDF (584K)

1. 1,3-Dienes from ketones *via* the Shapiro reaction (MC-97SR)

Matthew S. Addie and Richard J. K. Taylor

Full Text: PDF (117K)

pp. 660 - 666

received Apr 21 2000; accepted Oct 3 2000; published Oct 11 2000;

2. Syntheses and reactions of $\alpha\text{-benzotriazolylenamines}:$ stable analogs of $\alpha\text{-chlorenamines}$ (MC-

100SR)

Alan R. Katritzky, Daniel A. Nicols and Michael V. Voronkov

Full Text: PDF (198K)

pp. 667 - 683

$$\begin{array}{c|c} & & & \\ \hline \\ R^3 & & \\ \hline \\ R^2 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ \hline \\ R^1 & & \\ \hline \\ R^2 & & \\ R^2 & & \\ \hline \\ R^2 & & \\ \\ R^2 & & \\ \hline \\ R^2 & & \\ \\ R^2 & & \\ \hline \\ R^2$$

received May 8 2000; accepted Oct 3 2000; published Oct 11 2000;

3. Preparation and reactivity of some stable nitrile oxides and nitrones (MC-101SR)

Paul W. Groundwater, Mikl \tilde{A}^3 s Nyerges, Imre Fejes, David E. Hibbs, David Bendell, Rosaleen J. Anderson, Alexander McKillop, Toqir Sharif and Weimin Zhang

Full Text: PDF (162K)

pp. 684 - 697

received May 10 2000; accepted Oct 3 2000; published Oct 11 2000;

4. Iodocyclisation of N-allyl ureas; a route to imidazolin-2-ones (MC-104SR)

Christopher J. Moody, Peter A. Hunt and Colin Smith

Full Text: PDF (118K)

pp. 698 - 706

received May 14 2000; accepted Oct 3 2000; published Oct 11 2000;

5. Polyhalogenated heterocyclic compounds. Part 44. Reactions of perfluoro-(4-isopropylpyridine) with oxygen nucleophiles (MC-117SR)

Richard D. Chambers, Philip R. Hoskin, Alan Kenwright, Paul Richmond and Graham Sandford

Full Text: PDF (150K)

pp. 707 - 719

received Jun 18 2000; accepted Oct 3 2000; published Oct 11 2000;

6. A convenient route to 3-substituted isothiazoles using nitrile sulfide cycloaddition chemistry (MC-114SR)

John Crosby, Marion C. McKie, R. Michael Paton and John F. Ross

Full Text: PDF (141K)

pp. 720 - 734

received Jun 15 2000; accepted Oct 3 2000; published Oct 11 2000;

7. Studies in organic archaeometry I: Identification of the prehistoric adhesive used by the "Tyrolean Iceman" to fix his weapons (MC-124SR)

Fritz Sauter, Ulrich Jordis, Aloisia Graf, Wolfgang Werther and Kurt Varmuza

Full Text: PDF (104K)

pp. 735 - 747

A review with 6 References

received Aug 11 2000; accepted Oct 3 2000; published Oct 11 2000;

8. 2,5-Dihydroxy-3,4-O-isopropylidenetetrahydrofuran for the synthesis of heterocycles (MC-102SR)

Marco van denHeuvel, Mick Sayers and Gurdial Singh

Full Text: PDF (110K)

pp. 748 - 754

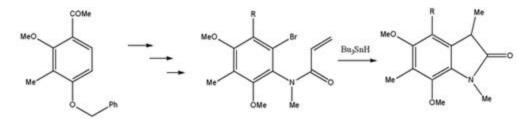
received May 12 2000; accepted Oct 3 2000; published Oct 11 2000;

9. An aryl radical cyclisation approach to highly substituted oxindoles related to mitomycins (MC-108SR)

Keith Jones and John M. D. Storey

Full Text: PDF (141K)

pp. 755 - 768



received May 27 2000; accepted Oct 3 2000; published Oct 11 2000;

10. Synthesis and Diels-Alder reactions of 2H-azirine-3-carboxamides (MC-105SR)

Thomas L. Gilchrist and Ricardo Mendonça

Full Text: PDF (121K)

pp. 769 - 778

$$NR^{1}R^{2}$$

received Jan 4 2000; accepted Oct 3 2000; published Oct 11 2000;

11. Antitumor benzothiazoles. 13. (Diacetoxy)iodobenzene (DAIB) oxidation of 2-(4-hydroxy-3-methoxyphenyl)benzothiazole and related compounds in the presence of dienophiles (MC-103SR)

Geoffrey Wells, Philip R. Lowe and Malcolm F. G. Stevens

Full Text: PDF (238K)

pp. 779 - 797

R=Benzothiazol-2-yl or EWG

Reagents and conditions: a. DAIB, MeOH, MeNO₂, ZnCl₂, 0°C

received May 13 2000; accepted Oct 3 2000; published Oct 11 2000;

12. Flash vacuum pyrolysis of α -acyl-o-methoxybenzylidenetriphenylphosphoranes to give 2-substituted benzofurans (MC-113SR)

R. Alan Aitken

Full Text: PDF (160K)

pp. 798 - 805

received Jun 12 2000; accepted Oct 3 2000; published Oct 11 2000;

13. Preparation and pyrolysis of some N-protected derivatives of aminomethylene MeldrumÂ's acid

(MC-111SR)

Hamish McNab and Kirsti Withell

Full Text: PDF (252K)

pp. 806 - 819

received Jun 2 2000; accepted Oct 3 2000; published Oct 11 2000;

14. Synthesis of enantiomerically pure quaternary glutamic acids *via* chemo- and diastereoselective alkylation of (5*S*)-3-([2-meth-oxycarbonyl]ethyl)-5-phenyl-5,6-dihydro-2*H*-1,4-oxazin-2-one (MC-106SR)

Laurence M. Harwood, Simon N. G. Tyler, Michael G. B. Drew, Archie Jahans and Iain D. MacGilp Full Text: PDF (221K)

pp. 820 - 831

received Aug 9 2000; accepted Oct 3 2000; published Oct 11 2000;

15. Synthesis of 8-bromoisoquinolines and a crystal structure of an acyclic secondary amine-borane (MC-125SR)

Montserrat Armengol, Madeleine Helliwell and John A. Joule

Full Text: PDF (126K)

pp. 832 - 839

received Sep 12 2000; accepted Oct 3 2000; published Oct 11 2000;