ARKIVOC Volume 2000

Part (iii): Commemorative Issue in Honor of Prof. Gurnos Jones on the occasion of his 70th anniversary

Facilitator: Christopher A. Ramsden Scientific Editor: Christopher A. Ramsden

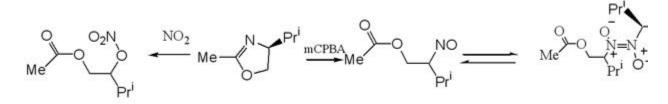
Graphical Abstracts PDF (760K)

1. Oxidation of a 4-substituted chiral oxazoline using MCPBA and NO₂ (GJ-3EP)

R. Alan Aitken and David P. Armstrong

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received Feb 10 2000; accepted Aug 20 2000; published Aug 28 2000;

2. Preparation of 2-amido substituted furans using the Curtius re-arrangement of furan-2-carbonyl azide (GJ-4EP)

Albert Padwa and Tianhua Wu

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$$\begin{array}{c|c}
 & 2 \\
 & N_2
\end{array}$$

$$\begin{array}{c|c}
 & RML_n \\
 & NCO H_3O^+
\end{array}$$

received Feb 12 2000; accepted Aug 20 2000; published Aug 28 2000;

3. Polyhalogenated heterocyclic compounds.Part 43. Reactions of 4-lithio-2,6-dibromo-3,5 difluoro pyridine (GJ-5EP)

Hadjar Benmansour, Richard D. Chambers, Graham Sandford, Slimane Dahaour and Dmitrii S. Yufit

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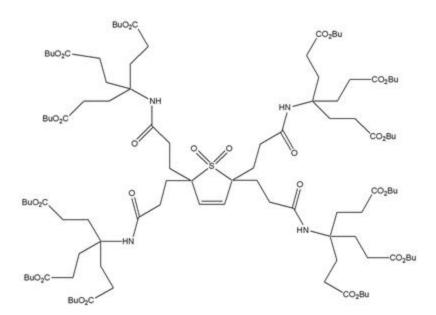
received Jan 20 2000; accepted Aug 20 2000; published Aug 28 2000;

4. Two-directional dendritic macromolecules based on a **3,4**-dihydrothiophene *S,S*-dioxide core: synthesis and thermolysis (GJ-6EP)

George R. Newkome, Claus D. Weis and Heba Abourahma

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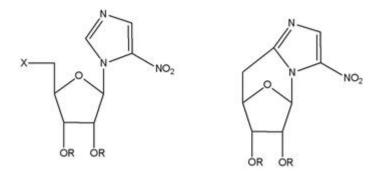
received Feb 15 2000; accepted Aug 20 2000; published Aug 28 2000;

5. Studies directed towards conformationally restricted nucleosides (GJ-8EP)

Anthony D.M. Curtis, Mark J. Humphries and Christopher A. Ramsden

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received Apr 30 2000; accepted Aug 20 2000; published Aug 28 2000;

6. Tetrathiatetraza-azulene (GJ-9EP)

Russell F. English, Janet L. Morris and Charles W. Rees

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pp. 228 - 239

received May 29 2000; accepted Aug 20 2000; published Aug 28 2000;

7. The preparation of some heteroaromatic and aromatic aldehydes (GJ-10EP)

Alan R. Katritzky, Hai-Ying He, Qiuhe Long, Xilin Cui, Julian Level and Allan L. Wilcox

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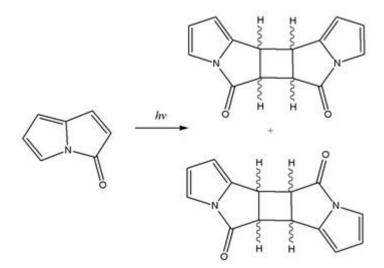
received Dec 20 1999; accepted Aug 20 2000; published Aug 28 2000;

8. Photodimerisation of pyrrolizin-3-one (GJ-11EP)

Xavier L.M. Despinoy and Hamish McNab

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received Apr 17 2000; accepted Aug 20 2000; published Aug 28 2000;

9. Synthesis and alkylation of some [1,2,4]triazolo[4,3-b]tetrazines (GJ-12EP)

Zoltan Novak, Antal Csampai and Andras Kotschy

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received Feb 5 2000; accepted Aug 20 2000; published Aug 28 2000;

10. Synthesis and application of novel bicyclic guanidines: *N*-alkylation of **1,5,7**-triazabicyclo[**4.4.0**]dec**5-ene** (GJ-13EP)

Thorsten Genski, Gregor Macdonald, Xudong Wei, Norman Lewis and Richard J.K. Taylor

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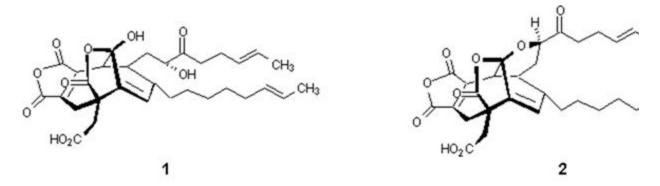
received Feb 14 2000; accepted Apr 25 2000; published May 3 2000;

11. The case for noncompetitive cyclizative options during attempted expedient construction of the core ring system of CP-263,114 (GJ-14EP)

Nicolas Cuniere and Leo A. Paquette

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received Mar 24 2000; accepted Aug 20 2000; published Aug 28 2000;

12. Photochemistry of triazolopyridinium ylides (GJ-15EP)

Belen Abarca, Rafael Ballesteros and Nadia Houari

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received Mar 12 2000; accepted Aug 20 2000; published Aug 28 2000;

13. The synthesis and reactions of some *N*-acyl-*N*-aryliminium ions (GJ-16EP)

Shirley Brunton and Keith Jones

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received Nov 18 1999; accepted Apr 25 2000; published May 3 2000;

X=H or Br

14. Intramolecular cyclisation of 2-vinyl-and 2-allylbenzoyl phosphonates with trimethyl phosphite *via* carbene intermediates (GJ-17EP)

Vaughan Griffiths, Jayne E. Harris, Khalku Karim and Belinda J. Whitehead

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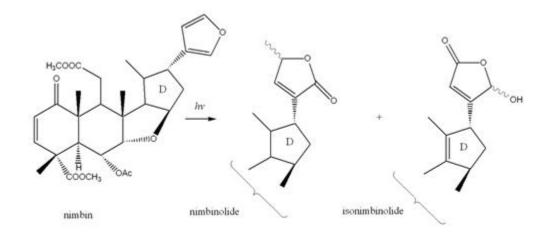
received Feb 21 2000; accepted Aug 20 2000; published Aug 28 2000;

15. Ratio of products formed on photo-oxidation of the neem triterpenoids nimbin and salannin (GJ-18EP)

Andrew P. Jarvis, E. David Morgan and Graeme R. Jones

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R=Ph, Me, R'=H, Me, Et, iPr

received Mar 15 2000; accepted Aug 20 2000; published Aug 28 2000;

16. Synthesis and stereochemistry of benzamidines and acetamidines (GJ-19EP)

Eva A. Oberlander and John C. Tebby

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$$\bigcap_{R} \bigcap_{HN} \bigcap_{R} \bigcap_{CHCl_3} \bigcap_{R} \bigcap_{R$$

R=Ph, Me; R'=H, Me, Et, iPr

received Mar 1 2000; accepted Aug 20 2000; published Aug 28 2000;

17. The oxidation of 3-alkylhomophthalimide derivatives by dioxygen in alkaline media and Bischler-Napieralski reactions of cleavage-cyclisation products (GJ-20EP)

Harry Heaney and Mutasem O. Taha

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received Mar 3 2000; accepted Aug 20 2000; published Aug 28 2000;

18. Cyclopalladation in pyrroles - some initiating studies (GJ-21EP)

Yuekun Zhao, Madeleine Helliwel and John A. Joule

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received Feb 15 2000; accepted Aug 20 2000; published Aug 28 2000;

19. The synthesis of 1,2,3,4-tetrahydro-2,2-dimethylquinolin-4-ones as antioxidant precursors (GJ-

22EP)

Ian Phillip Clarke and Otto Meth-Cohn

Full Text: PDF (416K)

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A review with 20 references

received Feb 10 2000; accepted Feb 13 2000; published Feb 21 2000;

20. Pyrrole studies part 47. ¹³C NMR spectroscopic characterisation of the products of the reaction of formylpyrroles with aniline and diaminobenzenes (GJ-23EP)

R. Alan Jones, Gloria Quintanilla-Lopez, S. Ali N. Taheri, Majed M. Hania, Orhan Ozturk and (in part) Han Zuilhof

Full Text: PDF (136K)

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received May 5 2000; accepted Aug 20 2000; published Aug 28 2000;

21. Synthesis of *N*-protected nortopsentins B and D (GJ-24EP)

Christopher J. Moody and Jonathan R. A. Roffey

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pp. 393 - 401

received Mar 10 2000; accepted Aug 20 2000; published Aug 28 2000;

22. Reagents for new heteroannelation reactions part V: 2-(methylthio)-2-imidazoline (GJ-25EP)

Johannes Fr $\tilde{A}\P$ hlich, Fritz Sauter, A. Z. M. Shaifullah Chowdhury and Christian Hametner

Full Text: PDF (264K)

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received Mar 7 2000; accepted Aug 20 2000; published Aug 28 2000;

23. Effect of microwave irradiation on reaction of furo[3,2-*b*]pyrrole and furo[2,3-*b*]pyrrole-2-carbaldehydes with some active methylene compounds (GJ-26EP)

Alzbeta KrutosÃkovÃj, Margita LÃjcovÃj, Miloslava DandÃjrovÃj and Jarmila ChovancovÃj

Full Text: PDF (149K)

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OHC
$$\longrightarrow$$
 CO₂Me OHC \longrightarrow N

R=H, Me, Br, MOM

received Apr 15 2000; published Jul 15 2000;

24. Antitumor imidazotetrazines. 38. New 8-substituted derivatives of the imidazo[5,1-d]-1,2,3,5-tetrazines temozolomide and mitozolomide (GJ-27EP)

David A. F. Langnel, Jillian Arrowsmith and Malcolm F. G. Stevens

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received Mar 9 2000; accepted Aug 20 2000; published Aug 28 2000;

25. 3-Diphenylmethylpyrido[1,2-*a***][1,3,5]triazine-2,4-dione** (GJ-28EP)

Anne Fiksdahl and Curt Wentrup

Full Text: PDF (136K)

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$$\begin{array}{c|c} & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

received Apr 24 2000; accepted Aug 20 2000; published Aug 28 2000;