ARKIVOC Volume 2002

Part (vi): Commemorative Issue in Honor of Prof. Charles Rees on the occasion of his 75th anniversary

Facilitator: Christopher J. Moody Scientific Editor: T.L. Gilchrist

1. A Tribute to Prof. C. W. Rees (CF-465BT)

Christopher Moody
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accepted May 31 2002; published Jun 8 2002;

2. 2-Aminobenzaldehydes from quinolinium salts and alkaline hydrogen peroxide (CF-399BP)

Ian Allan Apple and Otto Meth-Cohn

Full Text: PDF (70K)

pp. 4 - 14

$$\begin{array}{c|c} R' & \xrightarrow{N^+} & \xrightarrow{H_2O_2} & \\ & \downarrow & X^- & \\ \end{array} \begin{array}{c} H_2O_2 & \\ & \downarrow & \\ & NHR & \\ \end{array} \end{array} \end{array} \begin{array}{c} Heterocycles$$

received May 9 2002; accepted Jul 2 2002; published Jul 10 2002;

3. Nitrile sulfides. Part 13.1 Synthesis of 5-acyl-1,2,4-thiadiazoles by cycloaddition of nitrile sulfides to acyl cyanides (CF-365BP)

Marion C. McKie and R. Michael Paton

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received Feb 20 2002; accepted Jul 2 2002; published Jul 10 2002;

4. Inter- and intramolecular Diels-Alder/retro-Diels-Alder reactions of 4-silylated oxazoles (CF-510BP)

Pascal C. Ducept and Stephen P. Marsden

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Et₃Si
$$\searrow$$
 CO₂Et \searrow OEt \searrow OEt \searrow OEt \searrow OEt \searrow SiEt₃ \geqslant R² R³

received May 31 2002; accepted Jul 4 2002; published Jul 12 2002;

5. Intramolecular cyclizations of *N*-acyliminium ions with pyridine rings (CF-372BP)

Albert Padwa and Michael A. Brodney

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received Mar 22 2002; accepted Jul 6 2002; published Jul 14 2002;

6. Synthesis of the F-O-G fragment of ristocetin A via ruthenium-promoted intermolecular S_NAr reaction (CF-513BP)

Anthony J. Pearson, Avdhoot D. Velankar and Jung-Nyoung Heo

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received Jun 1 2002; accepted Jul 27 2002; published Aug 4 2002;

7. The mechanism of pyrolysis of 9,9-dimethylfluorene (CF-519BP)

Hamish McNab Full Text: PDF (62K)

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received Jun 15 2002; accepted Jul 27 2002; published Aug 4 2002;

8. Reactions of triene-conjugated diazo-compounds containing thiophene (CF-508BP)

John T. Sharp, Alastair G. Cessford and Alister R. Stewart

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received May 30 2002; accepted Jul 28 2002; published Aug 5 2002;

9. Syntheses of 5-(2-arylazenyl)-1,2,4-triazoles and 2-amino-5-aryl-1,3,4-oxadiazoles (CF-364BP)

Alan R. Katritzky, Vladimir Vvedensky, Xiaohong Cai, Boris Rogovoy and Peter J. Steel

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received Jan 12 2002; accepted Aug 2 2002; published Aug 10 2002;

10. MIRC reactions using sulfoxides and synthesis of dictyopterene A (CF-525BP)

Mike Casey, Claire M. Keaveney and Andrew J. Walker

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$$\longrightarrow \bigvee_{N \text{ is } (R)} \bigcap_{(R)} \bigcap_{(R)}$$

received Jun 26 2002; accepted Aug 2 2002; published Aug 10 2002;

11. Synthesis and stereoselective addition reactions of 2-(*S*-phenyl-*N*-tosylsulfoximinoyl)cycloalk-2-enones (CF-515BP)

Donald Craig, Neil J. Geach, Fatema E. Sardharwala, Andrew J. P. White and David J. Williams

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received Jun 6 2002; accepted Aug 2 2002; published Aug 10 2002;

12. Imide and isatin derivatives as y-lactam mimics of AY-lactam antibiotics (CF-521BP)

Peter S. Hadfield, Lorraine A. Casey, Ronald H.B. Galt, Bartholomew Vilanova and Michael I. Page

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received Jun 20 2002; accepted Aug 15 2002; published Aug 23 2002;

13. Triazolopyridines 21.¹ The stereochemistry of 1-[1,2,3]triazolo[1,5-a] pyridin-7-yl-4-(2H-[1,2,3]triazol-4-yl)-1,3-butadienes and triazolo ring opening derivatives (CF-522BP)

Belén Abarca, Rafael Ballesteros and MostafÃi Elmasnaouy

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A review with 10 references

received Jun 24 2002; accepted Aug 18 2002; published Aug 26 2002;

14. Synthesis of some new 2-heterosubstituted 4,5-dihydroimidazoles (CF-398BP)

Raymond C. F. Jones, James N. Iley and Pedro M. J. Lory

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$$\begin{array}{c} CH_2Ph \\ NH \\ NH_2 \end{array} \begin{array}{c} X \\ N \\ N \\ N \end{array} \begin{array}{c} X \\ N \\ N \end{array} \begin{array}{c} CH_2Ph \\ N \\ N \end{array} \begin{array}{c} CH_2Ph \\ N \\ N \end{array} \begin{array}{c} CH_2Ph \\ N \\ N \end{array} \begin{array}{c} X \\ N \end{array} \begin{array}{c} X \\ N \end{array} \begin{array}{c} X \\ N \\ N \end{array} \begin{array}{c} X \\ N \end{array} \begin{array}{c} X \\ N \\ N \end{array} \begin{array}{c} X \\ N$$

received May 7 2002; accepted Aug 18 2002; published Aug 26 2002;

15. Cycloaddition of phenyl azide to unsymmetrical azabicyclic alkenes (CF-516BP)

John R. Malpass, Djaballah Belkacemi, Gerald A. Griffith and Mark D. Robertson

Full Text: PDF (82K)

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$$X = CH_2$$
, CO

PhN₃

PhN₃

PhN₃

PhN₃

A triazolines

PhN₃

A triazolines

received Jun 7 2002; accepted Sep 4 2002; published Sep 12 2002;

16. Regiospecific synthesis of **5,7**-disubstituted quinoxalino[**2,3**-*b*]phenazines (CF-534BP)

Panayiotis A. Koutentis

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received Jul 14 2002; accepted Sep 4 2002; published Sep 12 2002;

17. Hydroxylation of 1-azabicyclo[4.1.0]hept-3-enes formed by Diels–Alder reactions of benzyl 2*H*-azirine-3-carboxylate (CF-523BP)

Jamie F. Bickley, Thomas L. Gilchrist and Ricardo Mendonça

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18. Asymmetric nucleophilic addition to vinylphosphonamidates (Part IV) (CF-512BP)

Kamyar Afarinkia, Egizia De Pascale and Sia Amara

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19. New chemistry of bis[1,2]dithiolo[1,4]thiazines and bis[1,2]dithiolopyrroles (CF-529BP)

Susana Barriga, Nuria GarcÃa, Carlos F. Marcos, Ana G. Neo and TomÃis Torroba

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received Jul 2 2002; accepted Sep 28 2002; published Oct 6 2002;

20. Preparation of 4-benzylsulfanyl[1,2,3,5]dithiadiazol-1-ylium chlorides: potential precursors to meso-ionic 1,2,3,5-dithiadiazolium-4-thiolate (CF-530BP)

Thomas Gelbrich, Mark Humphries, Michael B. Hursthouse and Christopher A. Ramsden

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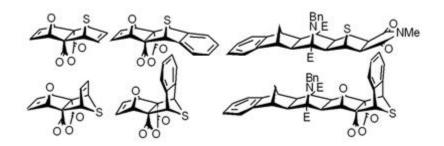
received Jul 5 2002; accepted Oct 3 2002; published Oct 11 2002;

21. Sulfur-bridged molecular racks: *O,S*-sesquinorbornadienes, *CNS*-[3] and *CNOS*-[4]polynorbornane (CF-527BP)

Davor Margetic, Douglas N. Butler and Ronald N. Warrener

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received Jun 27 2002; accepted Oct 10 2002; published Oct 18 2002;

22. Efficient route to 3-methoxymethylquinolines – A precursor of 5-methoxymethylquinolinic acid (CF-548BP)

Joel R. Calvin, Gregory F. Hillstrom, Julie Holland, Paul E. Krieger, Ramiah Murugan, Eric F. V. Scriven and Jason Yang

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received Sep 2 2002; accepted Oct 10 2002; published Oct 18 2002;

23. Syntheses of porphyrins isolated from the Coral Sea demosponge Corallistes sp. (CF-503BP)

Ravindra K. Pandey, Sam H. Leung and Kevin M. Smith

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

received May 24 2002; accepted Oct 18 2002; published Oct 26 2002;

24. Polyhalogenated heterocyclic compounds. Part 48. Synthesis of perfluoroisopropyl-2,2'-bipyridyl derivatives (CF-511BP)

Richard D. Chambers, Philip R. Hoskin and Graham Sandford

Full Text: PDF (162K)

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$$F \longrightarrow F \qquad \text{steps} \qquad F \longrightarrow F \qquad \text{Steps} \qquad F \longrightarrow F \qquad \text{CF(CF}_3)_2$$

received May 31 2002; accepted Oct 20 2002; published Oct 28 2002;