

ARKIVOC Volume 2004

Part (x): Commemorative Issue in Honor of Prof. Clifford A. Bunton on the occasion of his 70th anniversary

Facilitator: M. Gill

Scientific Editor: Paul Krapcho

1. A Tribute to Prof. Rodney Rickards (RI-491CT)

Melvyn Gill

Full Text: [PDF \(108K\)](#)

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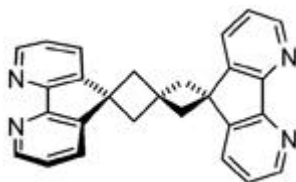
accepted Dec 15 2003; published Jan 15 2004;

2. Synthesis and X-ray crystal structure of a bridging trispiran ligand (RI-1057CP)

Peter J. Steel and Christopher J. Sumbly

Full Text: [PDF \(159K\)](#)

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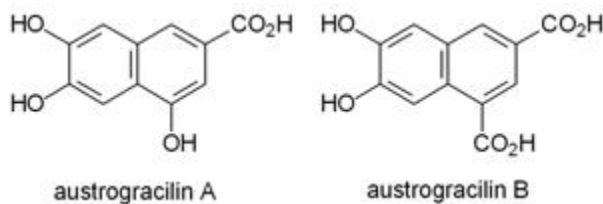
received Jan 19 2004; accepted Mar 18 2004; published Mar 24 2004;

3. Austrogracilin A and B, two 2-naphthoic acid derivatives from the mushroom *Austroboletus gracilis* (RI-1093CP)

Andrea Bartsch, Martin G. Brückelmann, Bert Steffan and Wolfgang Steglich

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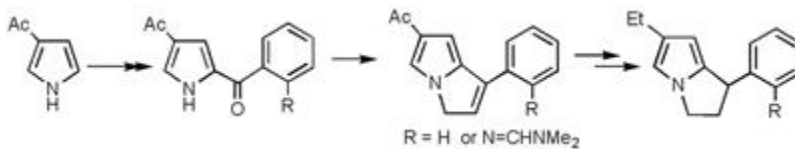
received Mar 10 2004; accepted Apr 8 2004; published Apr 17 2004;

4. Synthetic studies related to the akuammiline alkaloids (RI-1060CP)

Carme Cantos Llopart and John A. Joule

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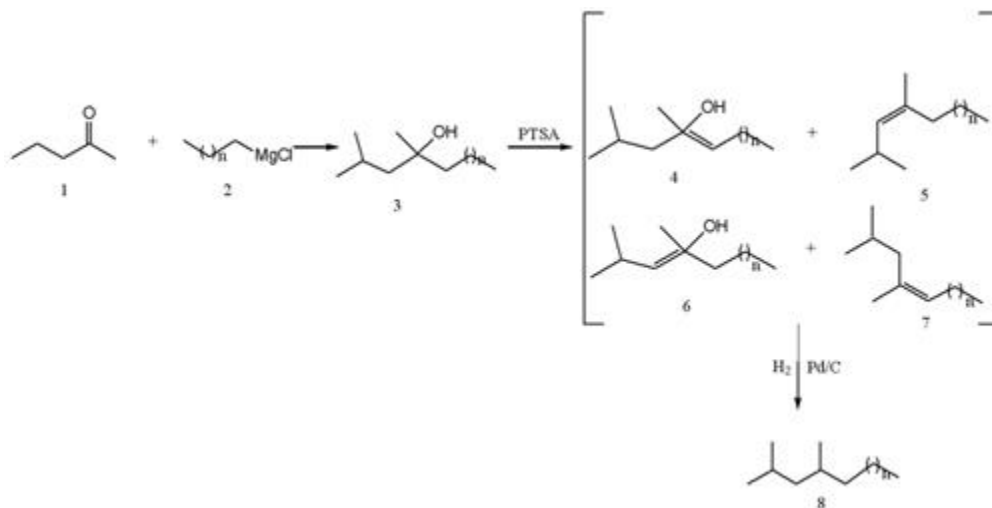
received Jan 7 2004; accepted Apr 15 2004; published Apr 19 2004;

5. Preparation of 2,4-dimethyldecane, 5-n-propylnonane, 2-methyl-5-ethylnonane, and 3- and 4-ethyldecanes (RI-1082CP)

Alan R. Katritzky, Satheesh K. Nair, Stephane Ledoux, Rachel M. Witek, Novruz G. Akhmedov, Peter A. Gordon and Margaret M. Wu

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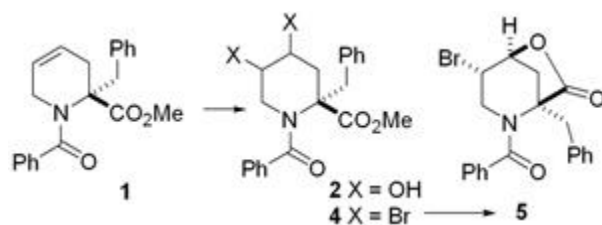
received Feb 25 2004; accepted Apr 15 2004; published Apr 19 2004;

6. Synthesis and X-ray structure of functionalised proline mimics (RI-1114CP)

James Gardiner and Andrew Abell

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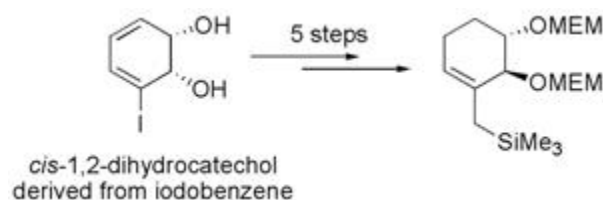
received Mar 30 2004; accepted Apr 26 2004; published Apr 28 2004;

7. The conversion of certain microbially-derived *cis*- and *trans*-1,2-dihydrocatechols into various tetrahydro- and related-derivatives (RI-1076CP)

Martin G. Banwell, Alison J. Edwards and David T. J. Loong

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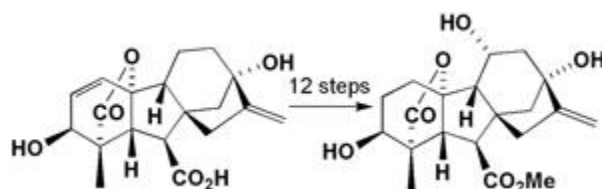
received Feb 5 2004; accepted May 19 2004; published May 28 2004;

8. Methodology for the synthesis of 11,13-hydroxy gibberellins (RI-1145CP)

Jianping Liu, Lewis N. Mander and Masaji Koshioka

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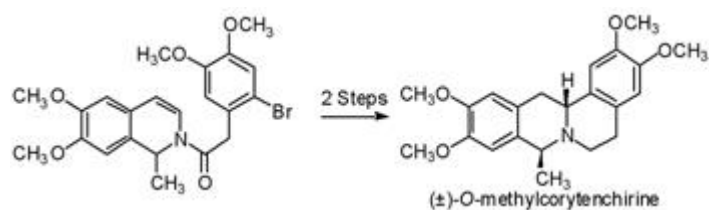
received May 21 2004; accepted Jun 4 2004; published Jun 11 2004;

9. Diastereoselective radical cyclization reactions: the synthesis of *O*-methylcorytenchirine (RI-1149CP)

Athelstan L. J. Beckwith and Roshan T. A. Mayadunne

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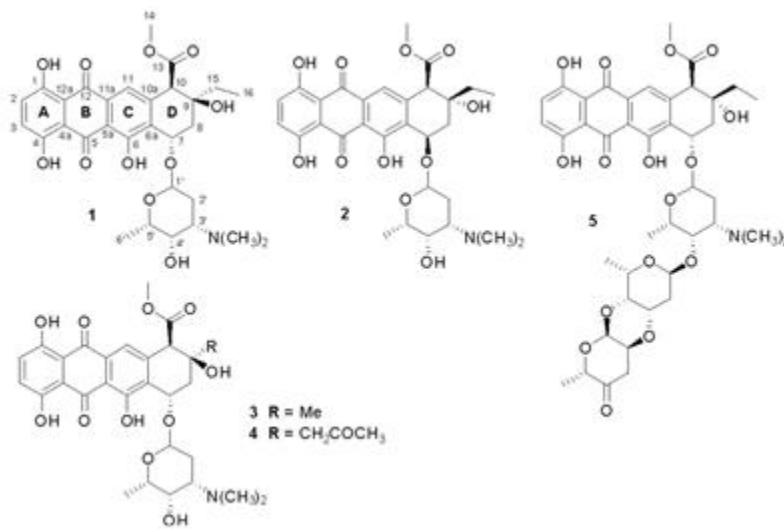
received May 28 2004; accepted Jun 28 2004; published Jul 2 2004;

10. Anthracycline derivatives from a marine-derived New Zealand *Streptomyces* (RI-1142CP)

Richard K. Phipps, John W. Blunt, Anthony L.J. Cole and Murray H.G. Munro

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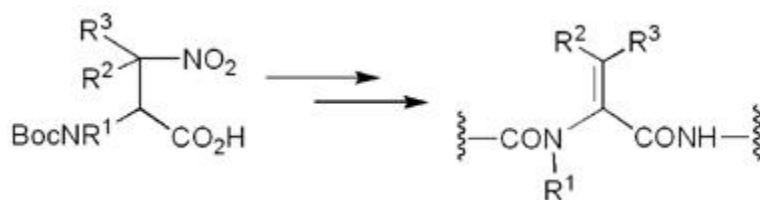
received May 18 2004; accepted Jun 30 2004; published Jul 2 2004;

11. β -Nitro- α -amino acids as latent α,β -dehydro- α -amino acid residues in solid-phase peptide synthesis (RI-1143CP)

Phillip A. Coghlan and Christopher J. Easton

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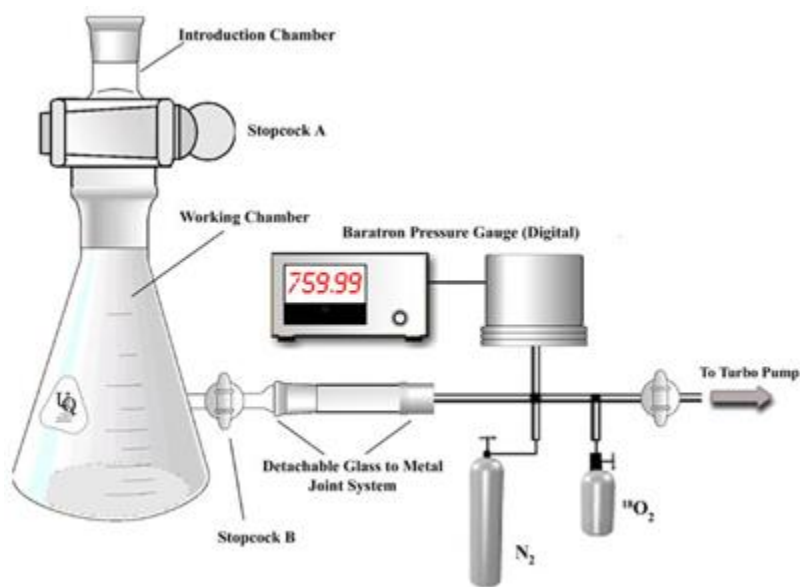
received May 17 2004; accepted Jun 30 2004; published Jul 2 2004;

12. A precision apparatus, with solid phase micro-extraction monitoring capability, for incorporation studies of gaseous precursors into insect-derived metabolites (RI-1128CP)

Mary T. Fletcher, Barry J. Wood, Brett D. Schwartz, Fredrik Rahm, Lynette K. Lambert, Ian D. Brereton, Christopher J. Moore, James J. De Voss and William Kitching

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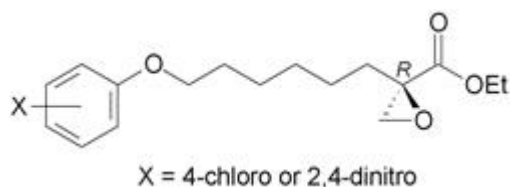
received Apr 16 2004; accepted Jun 30 2004; published Jul 8 2004;

13. Improved synthesis of enantiomerically pure Etomoxir and its 2,4-dinitrophenyl analogue (RI-1130CP)

Richard Scott and Bernard T. Golding

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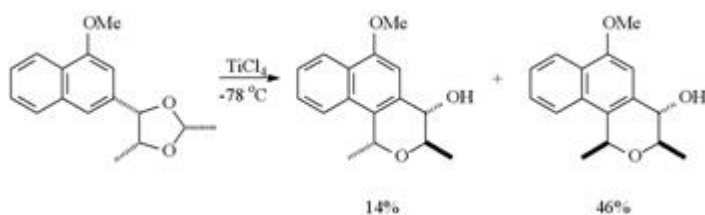
received Apr 30 2004; accepted Jun 30 2004; published Jul 8 2004;

14. Syntheses of 2,5-dimethyl-4-naphth-2'-yldioxolanes and their stereoselective isomerization to naphtho[1,2-c]pyrans, angular analogues of glucoside B, a cleavage product of the aphid insect pigments the protoaphins (RI-1115CP)

Robin G. F. Giles and Yolanta Gruchlik

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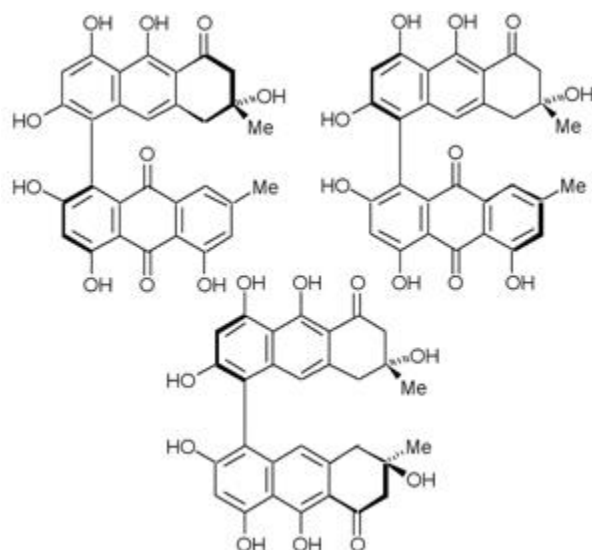
received Apr 1 2004; accepted Jul 1 2004; published Jul 8 2004;

15. Absolute stereochemistry of fungal metabolites: icterinoidins A1 and B1, and atrovirins B1 and B2 (RI-1154CP)

Melvyn Gill and Peter M. Morgan

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received May 31 2004; accepted Jul 1 2004; published Jul 8 2004;

16. Two complete syntheses of (S)-aspartate semi-aldehyde and demonstration that Δ^2 -tetrahydroisophthalic acid is a non-competitive inhibitor of dihydrodipicolinate synthase (RI-1153CP)

Sarah J. Roberts, Jonathan C. Morris, Renwick C.J. Dobson, Chris L. Baxter and Juliet A. Gerrard

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received May 31 2004; accepted Jul 22 2004; published Jul 27 2004;