

ARKIVOC Volume 2011

Part (v): Commemorative Issue in Honor of Prof. William F. Bailey on the occasion of his 65th anniversary

Facilitator: Eusebio Juaristi

Scientific Editor: Christopher A. Ramsden

1. A Tribute to Prof. William F. Bailey (WB-1450ET)

Full Text: [PDF \(147K\)](#)

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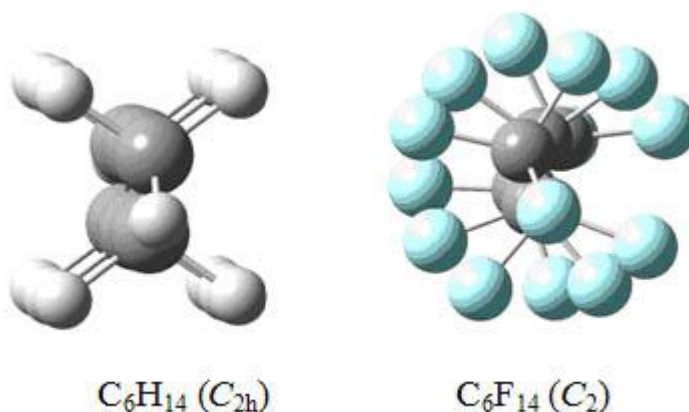
published Oct 23 2010;

2. Microwave spectroscopy and characterization of the helical conformer of perfluorohexane (WB-5660EP)

Robert K Bohn, Joseph A. Fournier and Congtin L. Phan

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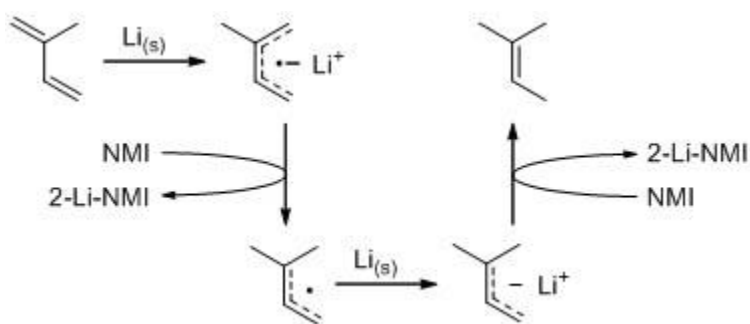
received Jul 22 2010; accepted Aug 15 2010; published Oct 23 2010;

3. Isoprene-mediated lithiation of imidazole derivatives. Mechanism considerations (WB-5516EP)

Miguel Yus, Albert Guijarro, Rosario Torregrosa, Itziar PeÑafiel, Isidro M. Pastor and Carmen Nájera

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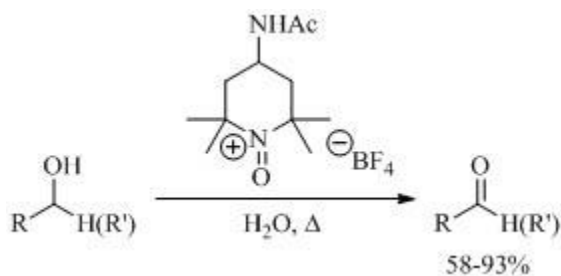
received Jun 14 2010; accepted Aug 19 2010; published Oct 24 2010;

4. Oxidation of primary and secondary alcohols by 4-acetylamino-2,2,6,6-tetramethylpiperidine-1-oxoammonium tetrafluoroborate in aqueous media (WB-5811EP)

Matthew R. Luderer, Audrey N. Mamros, Phillip R. Sharrow, William E. Weller, Mark R. Luderer, Justin D. Fair and Kristina O. Pazehoski

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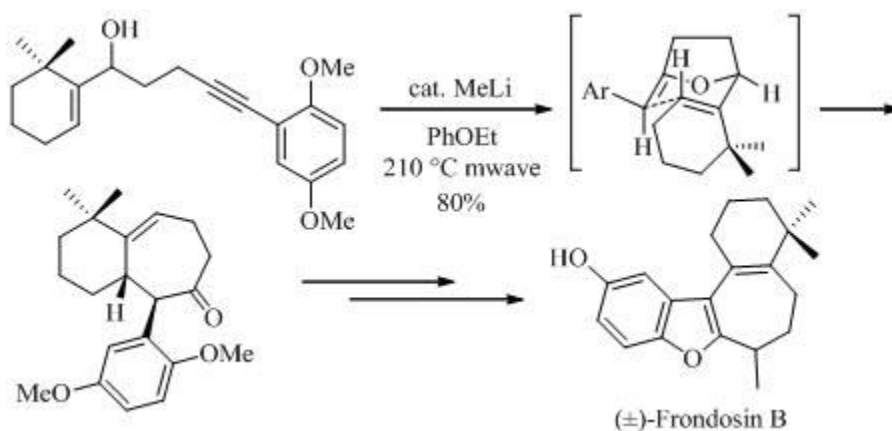
received Aug 31 2010; accepted Oct 6 2010; published Oct 24 2010;

5. Synthesis of cycloheptanoid natural products *via* tandem 5-*exo* cyclization/Claisen rearrangement process (WB-5727EU)

Timo V. Ovaska

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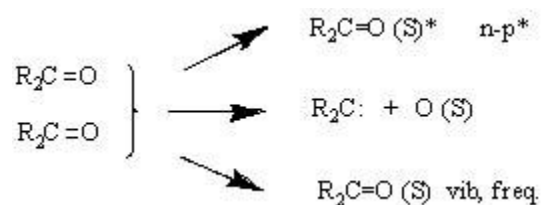
received Aug 6 2010; accepted Oct 12 2010; published Oct 31 2010;

6. A comparison of some properties of C=O and C=S bonds (WB-5820EP)

Kenneth B. Wiberg and Yigui Wang

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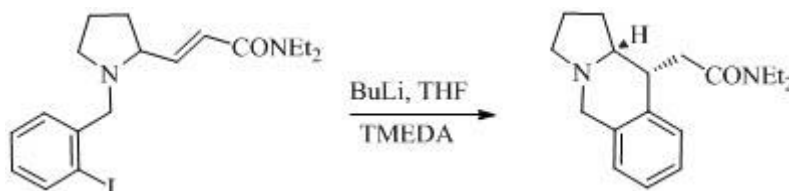
received Sep 1 2010; accepted Oct 17 2010; published Nov 14 2010;

7. Organolithium or Heck type cyclization of *N*-ortho-iodobenzyl-2-alkenylpyrrolidines to give indolizidines (WB-5621EP)

Oihane Garcia-Calvo, Nuria Sotomayor, Esther Lete and Iain Coldham

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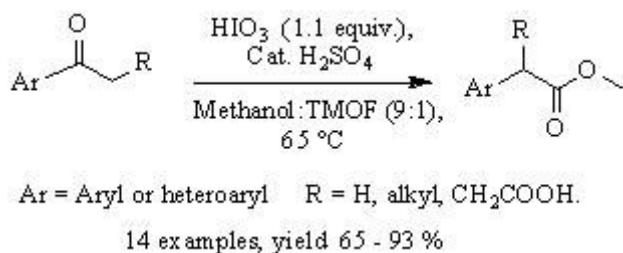
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8. Oxidative rearrangement of alkyl aryl /heteroaryl ketones by 1,2-aryl/heteroaryl shift using iodic acid (WB-5657EP)

Krishnacharya G. Akamnachi, Sameerana N. Huddar and Swapnil S. Deshmukh

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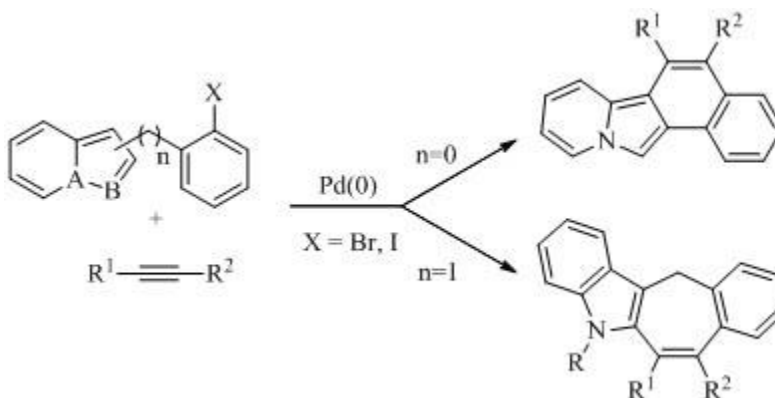
received Jul 22 2010; accepted Oct 17 2010; published Dec 12 2010;

9. Cascade carbopalladation-annulation approach toward polycyclic derivatives of indole and indolizine (WB-5586EP)

Vladimir Gevorgyan, Natalia Chernyak, David Tilly and Zhou Li

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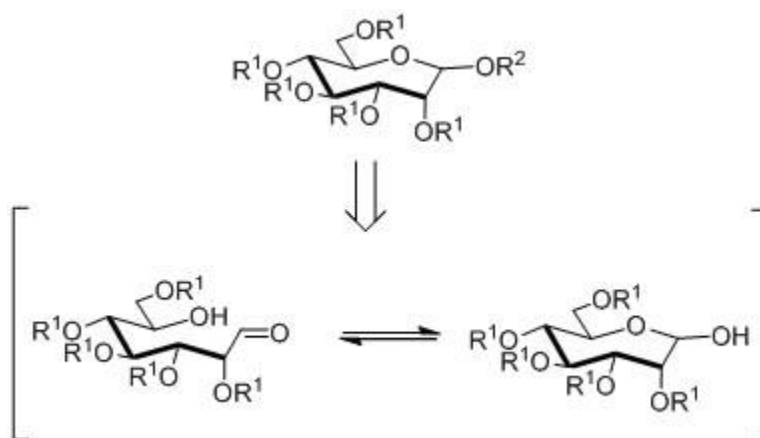
received Jul 5 2010; accepted Oct 17 2010; published Dec 27 2010;

10. Tandem cyclization and acetalization of a homologated D-glucose delivers D-glycero-D-guloseptanosides (WB-5819EP)

Mark W. Peczu and Ron R. Ramsabhag

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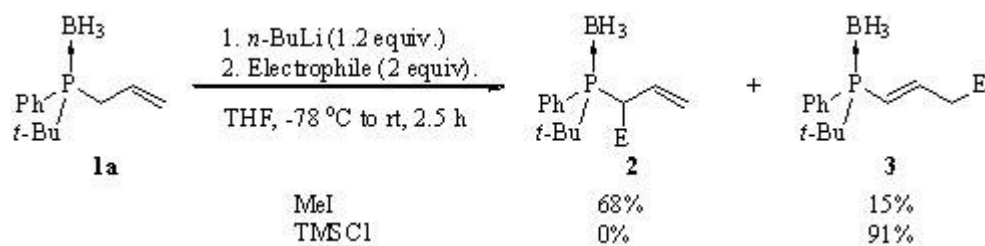
received Sep 1 2010; accepted Nov 23 2010; published Jan 2 2011;

11. Reactivity of allyl anions of allylphosphine-boranes towards electrophiles (WB-5812EP)

Marek Stankevic, Kazimierz Michał Pietrusiewicz and Marcin Siek

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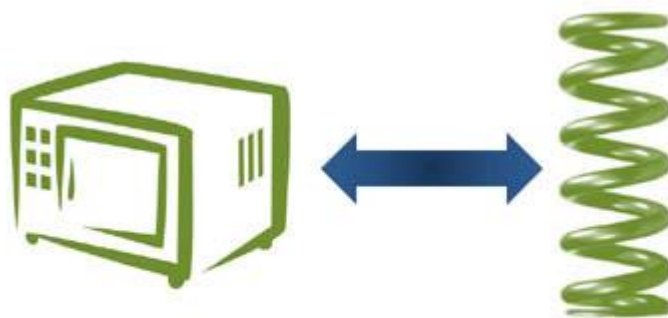
received Aug 31 2010; accepted Oct 26 2010; published Jan 2 2011;

12. Probing the energy efficiency of microwave heating and continuous-flow conventional heating as tools for organic chemistry (WB-5850EP)

Nicholas E. Leadbeater and William G Devine

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comparing the energy efficiency of microwave and conventionally-heated continuous-flow chemistry

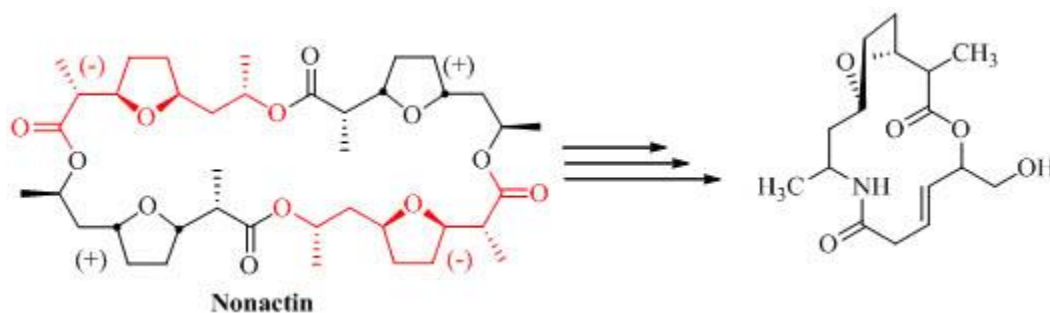
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13. Natural feedstocks for diversity-oriented synthesis: Macrolide-like scaffolds from nonactate (WB-5813EP)

Dennis Wright, Yuliya G Sumskaya, Stephen C Bergmeier, Mark C McMills and Nigel D Priestley

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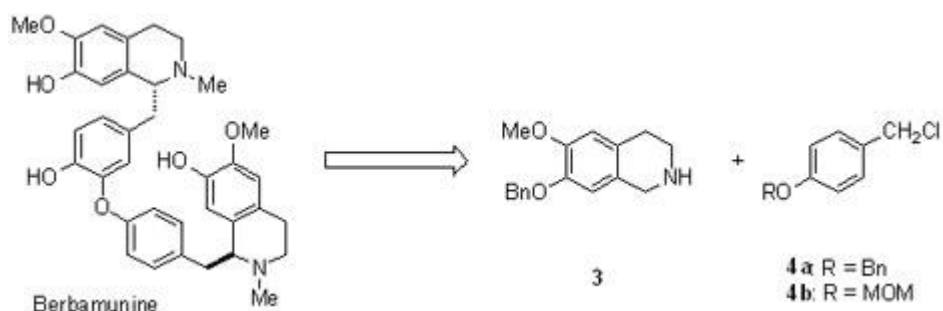
received Aug 31 2010; accepted Nov 12 2010; published Jan 17 2011;

14. Formal synthesis of the bisbenzylisoquinoline alkaloid berbamunine by asymmetric substitution of chiral organolithium compounds (WB-5764EP)

Bob Gawley, Robert E. Gawley and Gregory A. Smith

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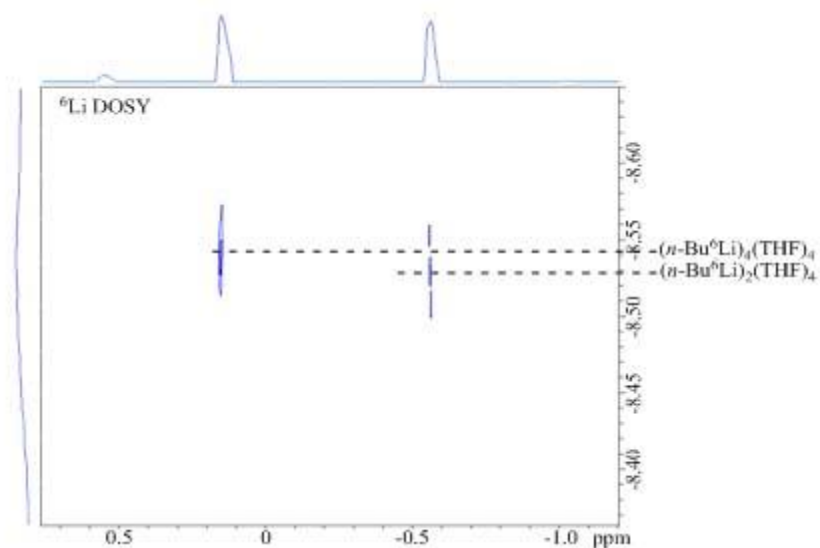
received Aug 19 2010; accepted Nov 12 2010; published Jan 30 2011;

15. Application of ^6Li diffusion-ordered NMR spectroscopy (DOSY) to confirming the solution structure of *n*-butyllithium (WB-5738EP)

Paul G. Williard, Weibin Li, Gerald Kagan and Russell Hopson

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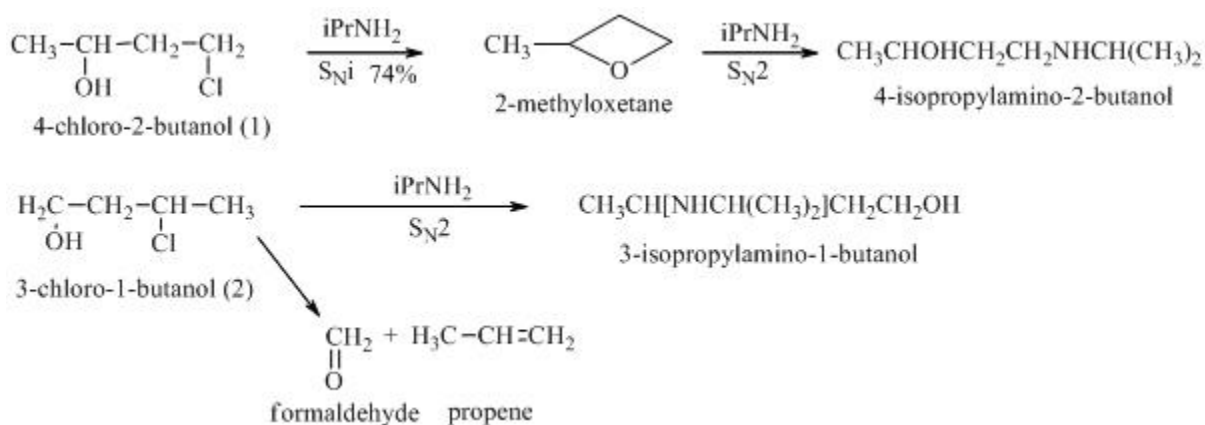
received Aug 10 2010; accepted Dec 12 2010; published Feb 15 2011;

16. The reactions of 4-chloro-2-butanol and 3-chloro-1-butanol with aqueous sodium hydroxide, and 1-chloro-2-propanol, and 2-chloro-1-propanol with isopropyl amine (WB-5940EP)

Kalevi Pihlaja, Kari Aaljoki, Maija-Riitta Lyytinen, Marja-Liisa Huusko and Marjut Hotokka

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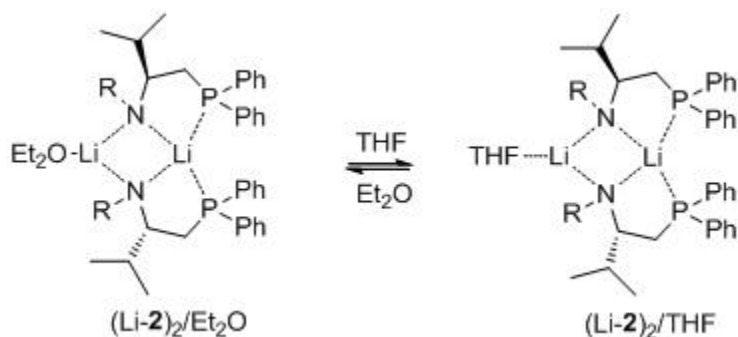
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17. NMR studies of chiral lithium amides with phosphine chelating groups reveal strong Li-P- interactions in ethereal solvents (WB-5911EP)

Göran Hilmersson and Petra Rånholm

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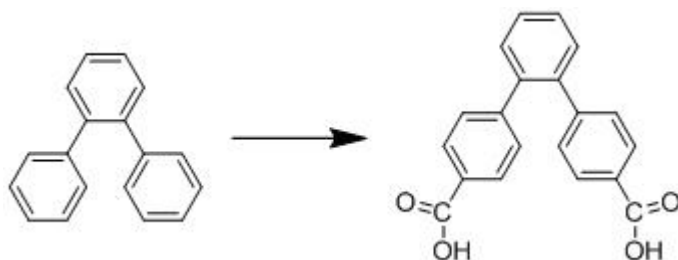
received Sep 29 2010; accepted Nov 18 2010; published Mar 25 2011;

18. Convenient dicarboxylation of *ortho*-terphenyl (WB-5795EP)

E-Joon Choi, Kyung Min Park and Edward Thaddeus Samulski

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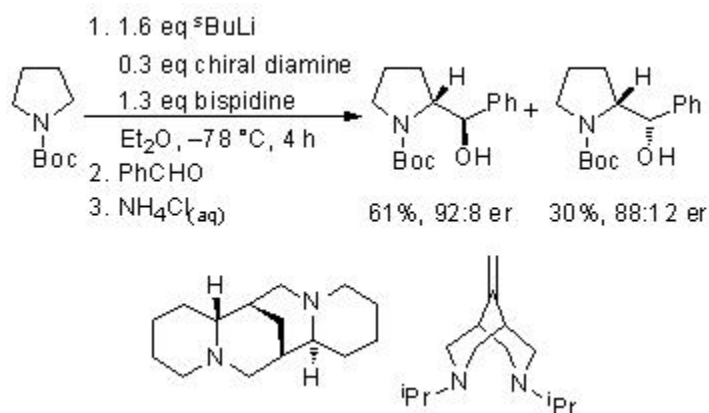
received Aug 27 2010; accepted Jan 13 2011; published Apr 3 2011;

19. Investigation of bispidines as the stoichiometric ligand in the two-ligand catalytic asymmetric deprotonation of *N*-boc pyrrolidine (WB-6222EP)

Graeme Barker, Peter O'Á'Brien and Kevin R. Campos

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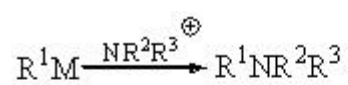
received Dec 29 2010; accepted Feb 14 2011; published Apr 3 2011;

20. Synthesis of amines by the electrophilic amination of organomagnesium, -zinc, -copper, and -lithium reagents (WB-5978ER)

Tahir Daşkanan

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R^1 = Alkyl, aryl, heteroaryl

M = Mg, Zn, Cu, Li

$NR^2R^3{}^{\oplus}$ = Electrophilic aminating reagents

received Oct 19 2010; accepted Feb 11 2011; published Apr 3 2011;