

ARKIVOC Volume 2012

Part (ii): Commemorative Issue in Honor of Prof. Anthony J. Arduengo, III on the occasion of his 60th anniversary

Facilitator: Michael Jennings

Scientific Editor: Girolamo Cirrincione

1. A tribute to Prof. Anthony J. Arduengo, III (AA-1457GT)

Michael Jennings

Full Text: [PDF \(62K\)](#)

pp. 1 - 5

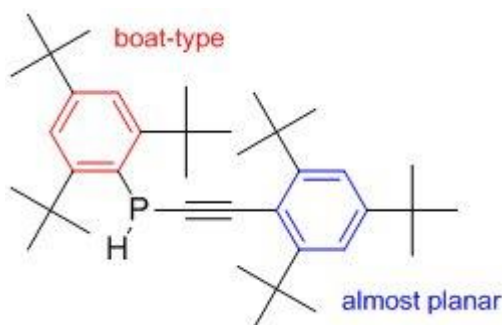
published Oct 10 2011;

2. Unique molecular distortion in the 2,4,6-tri-*t*-butylphenyl group (AA-6726GP)

Shigekazu Ito, Hideaki Miyake and Masaaki Yoshifuji

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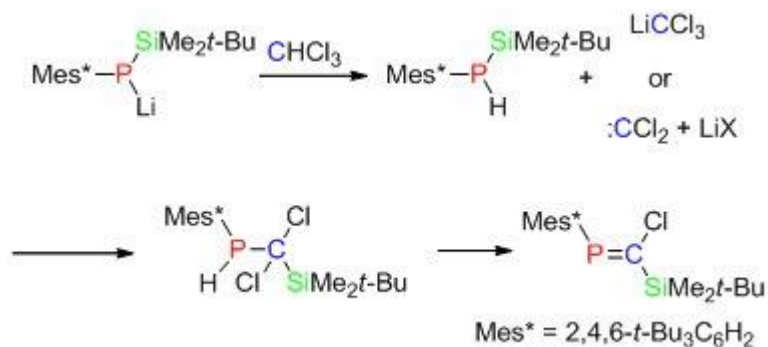
received Jun 29 2011; accepted Oct 30 2011; published Dec 11 2011;

3. Reaction of lithium (2,4,6-tri-*tert*-butylphenyl)silylphosphide with haloform (AA-6735GP)

Shigeru Sasaki, Masaaki Yoshifuji and Naoki Inamoto

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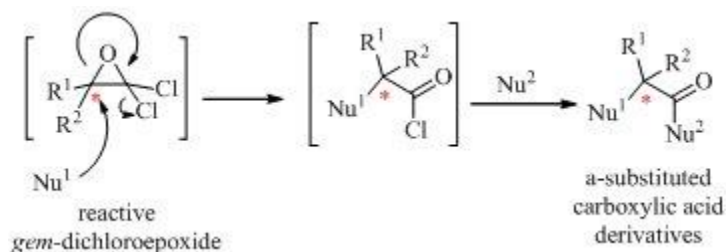
received Jul 1 2011; accepted Oct 28 2011; published Jan 3 2012;

4. Recent applications of *gem*-dichloroepoxide intermediates in synthesis (AA-6896GR)

Timothy S. Snowden

Full Text: [PDF \(825K\)](#)

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received Sep 6 2011; accepted Dec 28 2011; published Feb 28 2012;

5. Synthesis of pyrazolo[4,3-*c*][1,2,6]benzothiadiazocine, a new ring system as potential COX inhibitor (AA-7221GP)

Onofrio Migliara, Virginia SpanÃ², Barbara Parrino, Cristina Ciancimino and Patrizia Diana

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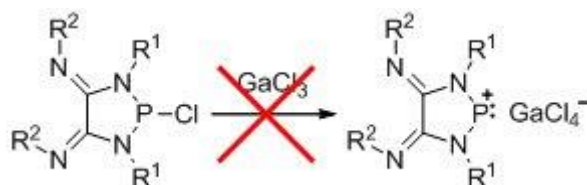
received Jan 5 2012; accepted Jan 12 2012; published Mar 19 2012;

6. Synthesis and characterization of a 2-chloro-1,3,2-diaza-phospholidine-4,5-diimine (AA-6738GP)

Georgios Mourgas, Zoltan Benkő, Daniela Fărcaș, Martin Nieger and Dietrich Gudat

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received Jul 1 2011; accepted Dec 29 2011; published Apr 21 2012;

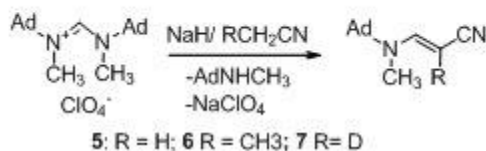
7. A base induced transformation of a 1,3-dimethyl-1,3-di(1-adamantyl)formamidinium salt into β -[methyl-(1-adamantyl)amino]acrylonitriles in aliphatic nitriles (AA-6908GP)

Arthur V. Knishevitsky, Nikolai I. Korotkikh, Alan H. Cowley, Jennifer A. Moore, Kalyan V. Vasudevan, Tatyana M. Pekhtereva and Oles P. Shvaika

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A novel 1,3-dimethyl-1,3-di-(1-adamantyl)formamidinium perchlorate was found to undergo addition-elimination reactions when treated with sodium hydride in acetonitrile or propionitrile solution, thereby forming the corresponding β -[methyl(1-adamantyl)amino]acrylonitriles and *N*-methyl-*N*-(1-adamantyl)amine.



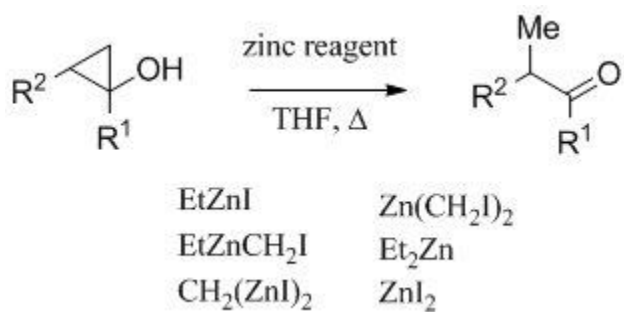
received Sep 12 2011; accepted Dec 27 2011; published Apr 22 2012;

8. Organozinc-promoted ring opening of cyclopropanols (AA-7109GP)

Pragna Pratic Das, Bibhuti Bhusan Parida and Jin Kun Cha

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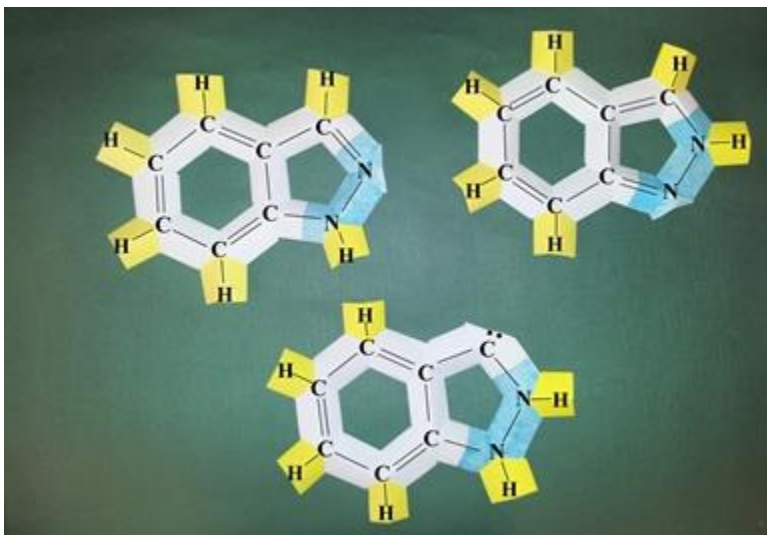
received Nov 17 2011; accepted Jan 8 2012; published May 9 2012;

9. A theoretical study of the parent NH-benzazoles (benzimidazoles, indazoles and benzotriazoles): geometries, energies, acidity and basicity, NMR properties and molecular electrostatic potentials (AA-7474GP)

Ibon Alkorta, Goar S  nchez-Sanz, Cristina Trujillo, Jos   Elguero and Rosa M. Claramunt

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received Apr 30 2012; accepted Jul 4 2012; published Aug 15 2012;