

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**

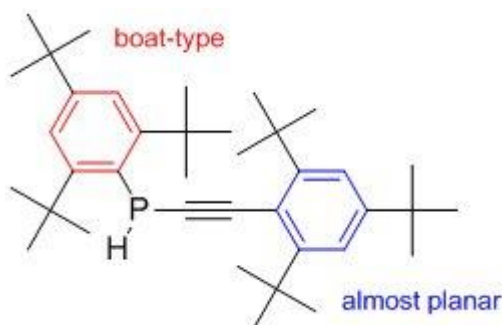
published Oct 10 2011;

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

*Shigekazu Ito, Hideaki Miyake and Masaaki Yoshifuji*

Full Text: [PDF \(351K\)](#)

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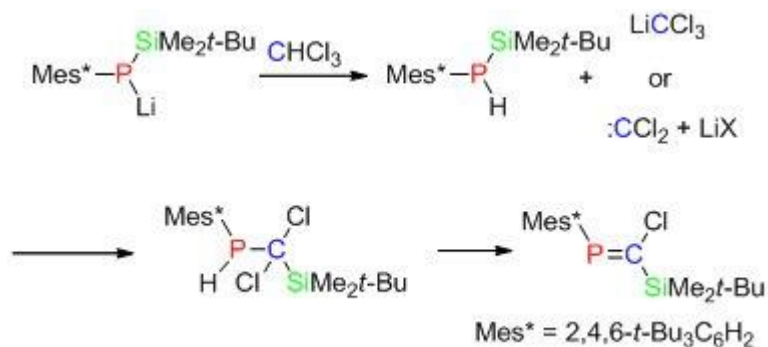
received Jun 29 2011; accepted Oct 30 2011; published Dec 11 2011;

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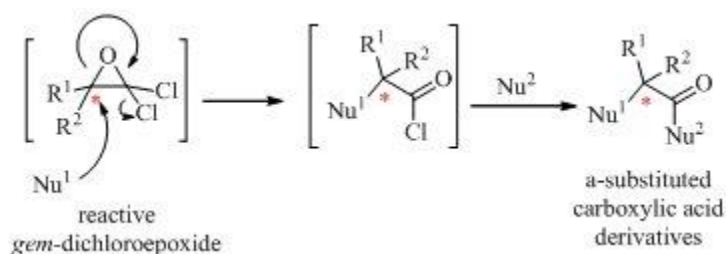
received Jul 1 2011; accepted Oct 28 2011; published Jan 3 2012;

#### 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 Span<sup>Ã</sup>², Barbara Parrino, Cristina Ciancimino and Patrizia Diana

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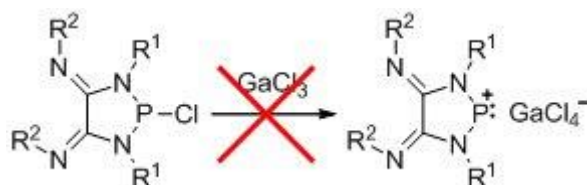
received Jan 5 2012; accepted Jan 12 2012; published Mar 19 2012;

#### 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;

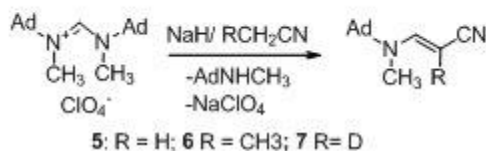
#### 7. A base induced transformation of a 1,3-dimethyl-1,3-di(1-adamantyl)formamidineium salt into $\beta$ -[methyl-(1-adamantyl)amino]acrylonitriles in aliphatic nitriles (AA-6908GP)

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)formamidineium perchlorate was found to undergo addition-elimination reactions when treated with sodium hydride in acetonitrile or propionitrile solution, thereby forming the corresponding  $\beta$ -[methyl(1-adamantyl)amino]acrylonitriles and *N*-methyl-*N*-(1-adamantyl)amine.



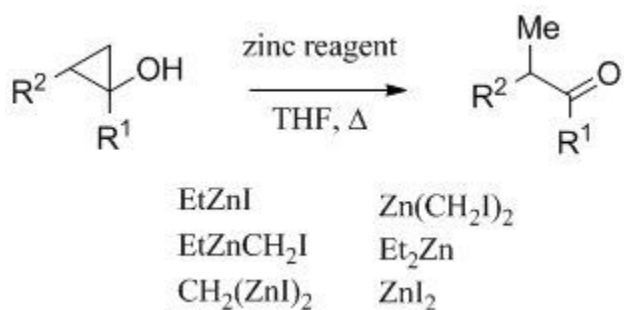
received Sep 12 2011; accepted Dec 27 2011; published Apr 22 2012;

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

Pragna Pratic Das, Bibhuti Bhusan Parida and Jin Kun Cha

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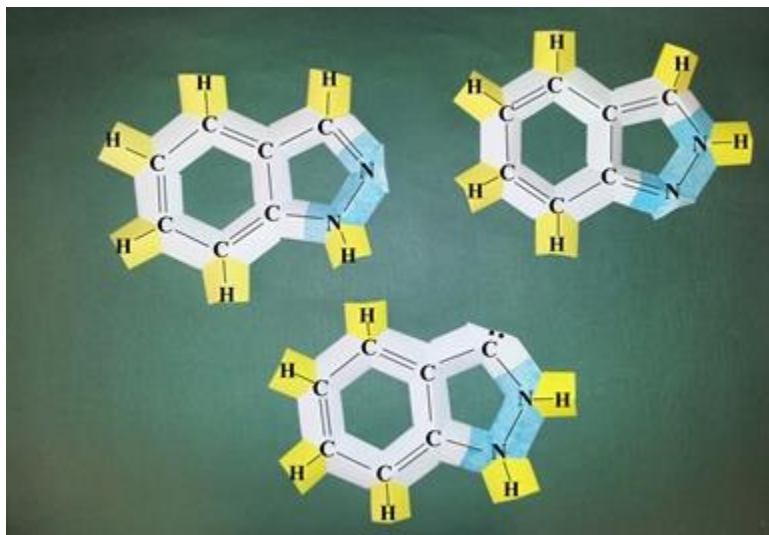
received Nov 17 2011; accepted Jan 8 2012; published May 9 2012;

**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*

Full Text: [PDF \(701K\)](#)

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