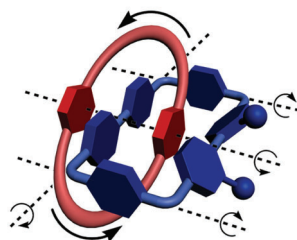


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2005, 70, 1493–1576

### Exploring Dynamics and Stereochemistry in Mechanically-Interlocked Compounds

Scott A. Vignon and J. Fraser Stoddart

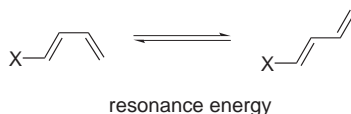


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2005, 70, 1577–1588

### Estimation of Resonance Energy from Forced Nonplanar Conformations of Conjugated Molecules

Stanislav Böhm and Otto Exner

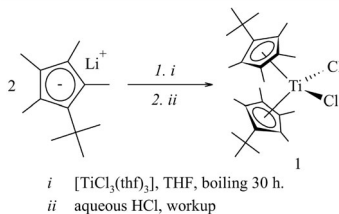


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2005, 70, 1589–1603

### Preparation and Crystal Structure of Bis(*tert*-butyltetramethylcyclopentadienyl)-dichlorotitanium

Lenka Lukešová, Róbert Gyepes, Jiří Pinkas, Michal Horáček, Jiří Kubišta, Jiří Čejka and Karel Mach

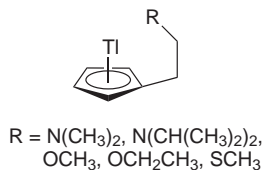


*Collect. Czech. Chem. Commun.*

2005, 70, 1604–1614

### Syntheses and <sup>1</sup>H, <sup>13</sup>C, <sup>15</sup>N, <sup>17</sup>O, <sup>205</sup>Tl NMR of New Ring-Functionalised Chelating Half-Sandwich Complexes of Thallium(I) Containing an N-, O- or S-Donor Atom

Dorette S. Tromp, Hans-Werner Frühauf and Cornelis J. Elsevier

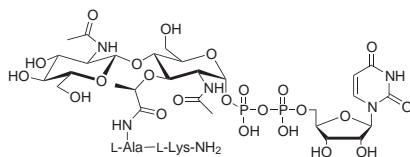


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2005, 70, 1615–1641

### Synthesis of Peptidoglycan Units with UDP at the Anomeric Position

Thierry Lioux, Roger Busson, Jef Rozenski, Martine Nguyen-Distèche, Jean-Marie Frère and Piet Herdewijn

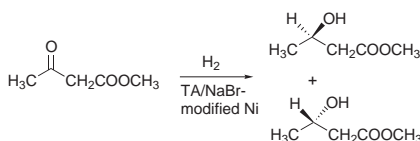


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2005, 70, 1642–1652

### In situ Chiral Modification of Nickel Catalysts for Enantioselective Hydrogenation of Methyl Acetoacetate

Lukáš Bartek, Petr Klusoň and Libor Červený

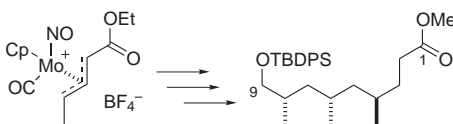


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2005, 70, 1653–1668

### A Synthesis of the C1–C9 Fragment of Ionomycin Using Cationic $\eta^3$ -Allylicmolybdenum and -Iron Complexes

John Cooksey, Philip Kocienski and Ying-Fa Li

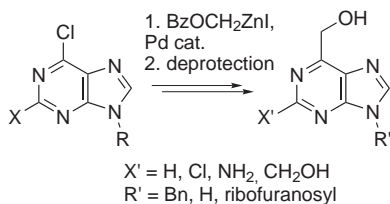


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2005, 70, 1669–1695

### Synthesis of 2-Substituted 6-(Hydroxymethyl)purine Bases and Nucleosides

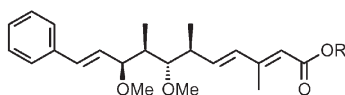
Peter Šilhár, Radek Pohl, Ivan Votruba and Michal Hocek



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**2005, 70, 1696–1708**

**Formal Total Syntheses of Crocacin A–D**

Magnus Besev, Christof Brehm and  
 Alois Fürstner

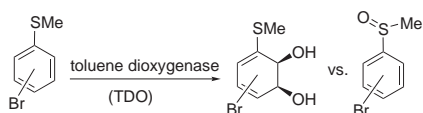


*common polyketide fragment of crocacin A-D*

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**2005, 70, 1709–1726**

**Toluene Dioxygenase-Mediated Oxidation of Bromo(methylsulfanyl)benzenes. Absolute Configuration of Metabolites and Evaluation of Chemo- and Regioselectivity Trends**

Kevin J. Finn, Oksana Pavlyuk and  
 Tomáš Hudlický



*Collect. Czech. Chem. Commun.*  
**2005, 70, 1727–1736**

**Experimental Evidence for a Dual Site Mechanism in Sn-Beta and Sn-MCM-41 Catalysts for the Baeyer–Villiger Oxidation**

Avelino Corma and Michael Renz

