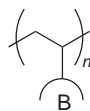


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2007, 72, 1591–1630

Boron-Containing Functional Copolymers for Bioengineering Applications

Zakir M. O. Rzyayev and Oktay Beşkardeş



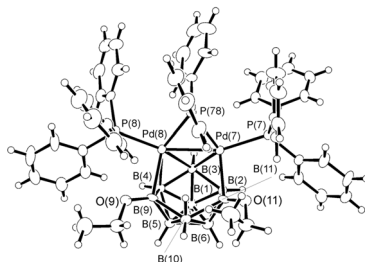
Boron containing polymers

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2007, 72, 1631–1638

Polyhedral Dipalladaborane Chemistry. The Molecular Structure and Cluster Electron Count of [7,8-(PPh₃)₂-7,8-(μ-PPh₂)-9,11-(OEt)₂-nido-7,8-Pd₂B₉H₈]

Jonathan Bould, Simon J. Teat and John D. Kennedy

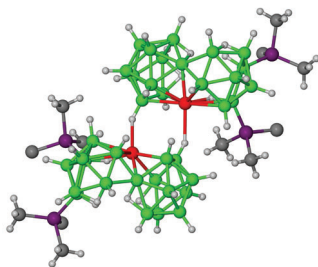


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2007, 72, 1639–1645

Macropolyhedral Boron-Containing Cluster Chemistry. Intermolecular Coordination via Hydrogen–Metal Interaction. The Solvent-Free Synthesis and Dimeric Constitution of [Pd₂B₃₆H₄₀(PMe₂Ph)₄]

Michael G. S. Londesborough, Colin A. Kilner and John D. Kennedy

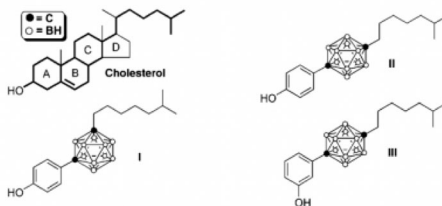


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2007, 72, 1646–1658

Boron Units as Pharmacophores – New Applications and Opportunities of Boron Cluster Chemistry

Zbigniew J. Lesnikowski

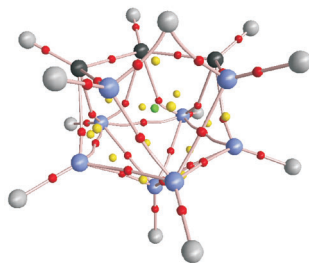


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2007, 72, 1659–1675

Electronic Nature of B–H–B Bridges and Their Manifestation in Vibrational Spectra of 11-Vertex *nido*-Carbaboranes

Larissa A. Leites, Elena G. Kononova and Sergey S. Bukalov

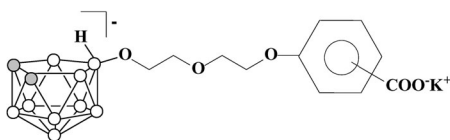


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2007, 72, 1676–1688

Synthesis of Functional Derivatives of 7,8-Dicarba-*nido*-undecaborate Anion by Ring-Opening of Its Cyclic Oxonium Derivatives

Marina Yu. Stogniy, Ekaterina N. Abramova, Irina A. Lobanova, Igor B. Sivaev, Vikentii I. Bragin, Pavel V. Petrovskii, Viktoria N. Tsupreva, Olga V. Sorokina and Vladimir I. Bregadze

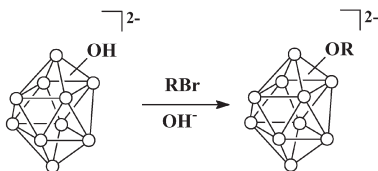


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2007, 72, 1689–1696

Synthesis of Alkoxy Derivatives of Decahydro-*closo*-decaborate Anion

Alexander V. Prikaznov, Vikentii I. Bragin, Margarita N. Davydova, Igor B. Sivaev and Vladimir I. Bregadze

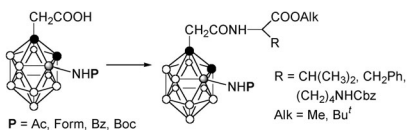


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2007, 72, 1697–1706

Synthesis of *N*-[(3-Amino-1,2-dicarba-*closo*-dodecaboran-1-yl)acetyl] Derivatives of α -Amino Acids

Galina L. Levit, Victor P. Krasnov, Dmitriy A. Gruzdev, Alexander M. Demin, Iliya V. Bazhov, Liliya Sh. Sadretdinova, Valentina A. Olshevskaya, Valery N. Kalinin, Chan Seong Cheong, Oleg N. Chupakhin and Valery N. Charushin

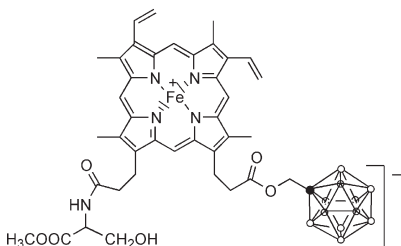


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2007, 72, 1707–1716

Boronated Conjugates of Protohemin IX with L-Amino Acids: Synthesis and Antitumor Activity

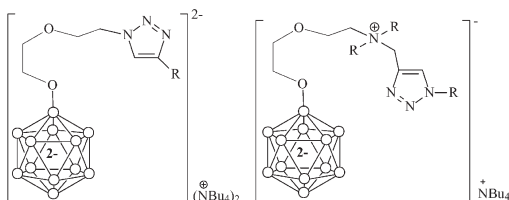
Valentina A. Olshevskaya, Arina N. Savchenko, Alexander Yu. Gorshkov, Valentina N. Luzgina, Victor V. Tatarskii, Jr., Elena G. Kononova, Chan Seong Cheong, Valery N. Kalinin and Alexander A. Shtil



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2007, 72, 1717–1724

An Effective Approach to 1,2,3-Triazole-Containing 12-Vertex *closo*-Dodecaborates



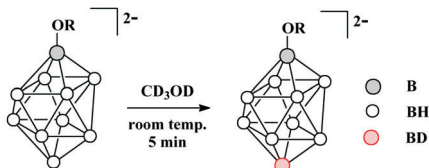
Andrey A. Semioshkin, Sergey N. Osipov, Julia N. Grebenyuk, Evgueniya A. Nizhnik, Ivan A. Godovikov, Grigory T. Shchetnikov and Vladimir I. Bregadze

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2007, 72, 1725–1739

Study of Proton–Deuterium Exchange in Ten-Vertex Boron Hydrides

Igor B. Sivaev, Vikentii I. Bragin, Alexander V. Prikaznov, Pavel V. Petrovskii, Vladimir I. Bregadze, Oleg A. Filippov, Tatyana A. Teplinskaya, Alexei A. Titov and Elena S. Shubina



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2007, 72, 1740–1754

Preparation of Carboranyl and Dodecaborate Derivatives of Coumarin

Eugen Justus, Dana T. Izteleuova, Alexander V. Kasantsev, Mendel M. Axartov, Enno Lork and Detlef Gabel

