

The book was found

Metal Ions In Biological Systems: Volume 29: Biological Properties Of Metal Alkyl Derivatives



Synopsis

This volume is devoted to the research area regarding the biological properties of metal alkyl derivatives, offering an authoritative account of this subject by 16 scientists. In 11 chapters, *Biological Properties of Metal Alkyl Derivatives* highlights, in detail, derivatives of germanium, tin, lead, arsenic, antimony, selenium, tellurium, cobalt (vitamin B12 derivatives) and nickel (coenzyme F430), including the role of (mainly) micro-organisms in their formation. The derivatives of indium, thallium, bismuth, various transition metals and mercury are also covered to some extent, as are those of the non-metals silicon, phosphorus and sulfur, and the haloperoxidase route of the biogenesis of halomethanes by fungi and plants. The properties of these alkyl derivatives, their biosynthesis, including mechanistic aspects, their appearance in waters (rivers, lakes, oceans) and sediments, and their physiological and toxic effects are summarized.

Book Information

Series: Metal Ions in Biological Systems (Book 29)

Hardcover: 496 pages

Publisher: CRC Press; 1 edition (January 19, 1993)

Language: English

ISBN-10: 0824790227

ISBN-13: 978-0824790226

Product Dimensions: 6 x 1.2 x 9 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #16,457,781 in Books (See Top 100 in Books) #79 in Books > Science & Math > Chemistry > Alkaloids #5034 in Books > Science & Math > Chemistry > Inorganic #26705 in Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry

[Download to continue reading...](#)

Metal Ions in Biological Systems: Volume 29: Biological Properties of Metal Alkyl Derivatives
Methods for the Oxidation of Organic Compounds: Alcohols, Alcohol Derivatives, Alkyl Halides, Nitroalkanes, Alkyl Azides, Carbonyl Compounds, Hydrox (Best synthetic methods) (v. 2) Metal Ions in Biological Systems: Volume 22: Endor: EPR, and Electron Spin Echo for Probing Coordination Spheres Ions in Solution and their Solvation Dental Materials: Properties and Manipulation, 9e (Dental Materials: Properties & Manipulation (Craig)) Derivatives for Decision Makers: Strategic Management Issues (Wiley Series in Financial Engineering) Animal Sera, Animal Sera Derivatives

and Substitutes Used in the Manufacture of Pharmaceuticals: Viral Safety and Regulatory Aspects: Symposium, ... 1998 (Developments in Biologicals, Vol. 99) Nitroazoles: The C-nitro derivatives of five-membered N- and N,O- heterocycles (Organic nitro chemistry) Thiophene and Its Derivatives, Part 1 (The Chemistry of Heterocyclic Compounds, Vol. 44) Microstructure and Properties of Ductile Iron and Compacted Graphite Iron Castings: The Effects of Mold Sand/Metal Interface Phenomena (SpringerBriefs in Materials) Metal Matrix Syntactic Foams: Processing, Microstructure, Properties and Applications Weapons of Mass Destruction: An Encyclopedia of Worldwide Policy, Technology, and History; Volume I: Chemical and Biological Weapons and Volume II:: ... Technology, and History (2 volume set) Metal Detecting: Without A Detector: How To Find Treasure When You Can't Use Your Metal Detector (Gold, Coins & Jewelry) The Metal Lathe (Build Your Own Metal Working Shop From Scrap Series Book 2) Blacksmithing: 15 Modern DIY Metal Projects for Beginners: (Blacksmithing, Metal Work) (Knife Making, Bladesmith) Learn to Weld: Beginning MIG Welding and Metal Fabrication Basics - Includes techniques you can use for home and automotive repair, metal fabrication projects, sculpture, and more Building Fences of Wood, Stone, Metal, & Plants: Making Fence with Wood, Metal, Stone and Living Plants Manual De Torno Para Metal: Torno Para Metal (Coleccion Como Hacer Bien Y Facilmente) (Spanish Edition) Metal-Ligand Multiple Bonds: The Chemistry of Transition Metal Complexes Containing Oxo, Nitrido, Imido, Alkylidene, or Alkylidyne Ligands Handbook of Optics, Third Edition Volume IV: Optical Properties of Materials, Nonlinear Optics, Quantum Optics (set)

[Dmca](#)