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| Titolo | Lithium compounds in organic synthesis : from fundamentals to applications // edited by Renzo Luisi and Vito Capriati |
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| Descrizione fisica | 1 online resource (571 p.) |
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| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Lithium Compounds in Organic Synthesis; Contents; List of Contributors; Foreword; Preface; Part I New Structural Aspects of Lithium Compounds; Chapter 1 Structure-Reactivity Relationship in Organolithium Compounds; 1.1 Structural Principles in Organolithium Compounds; 1.2 Donor-Base-Free Structures; 1.2.1 Tetramers; 1.2.2 Hexamers; 1.2.3 Comparison of [Me ₃ SiCH ₂ Li] ₆ and [n-BuLi] ₆ ; 1.3 Disaggregation with Lewis Bases; 1.3.1 Tetramers of Alkylolithium Compounds; 1.3.2 Asymmetric Aggregates of [Me ₃ SiCH ₂ Li] (4); 1.3.3 An Octameric Aggregate of [Me ₃ SiCH ₂ Li] ₆ 1.4 Donor-Base-Induced Dimers and Monomers1.4.1 Alkylolithium and Trimethylsilylmethylolithium Compounds; 1.4.2 PMDETA Aggregated Monomers; 1.5 Heterobimetallic Organolithium Compounds; 1.6 Conclusion and Outlook; References; Further Reading; Chapter 2 Computational Perspectives on Organolithiums; 2.1 Introduction; 2.2 The Nature of Bonds to Lithium; 2.3 Aggregation of Lithium Organic Compounds; 2.4 Solvation Effects; 2.5 Lithium Alkoxides and Lithium Amides; 2.6 Computational Studies on Various Organolithium |

Applications; 2.7 Conclusion and Outlook; References; Further Reading
Chapter 3 Spectroscopic Advances in Organolithium Reactivity: The Contribution of Rapid-Injection NMR (RINMR) 3.1 Introduction; 3.2 The Curtin-Hammett Principle; 3.3 Organolithium NMR; 3.4 Features of RINMR; 3.4.1 Brief History; 3.4.2 Apparatus Descriptions and Rapidity of Acquisition; 3.4.3 Temperature Range and Control; 3.4.4 Volume Accuracy of Injection; 3.5 Use of RINMR to Study Organometallic Reactions; 3.5.1 n-Butyllithium Aggregate Reactivity (1985); 3.5.2 Magnesium Chelates in Carbonyl Additions (1987/1990); 3.5.3 Lithium Enolate Aldol (1992)
3.5.4 Alkylolithium Polymerization (1995/1999) 3.5.5 Tin Transmetalation (2007); 3.5.6 Cuprates (2002-Present); 3.5.7 n-BuLi Aggregate Reactivity Revisited (2007); 3.5.8 Tris(trimethylsilyl)methylolithium (2008/2009); 3.5.9 Enolization and Lithium Aldol (2011); 3.6 Conclusion and Outlook; References; Further Reading; Chapter 4 Spectroscopic Advances in Structural Lithium Chemistry: Diffusion-Ordered Spectroscopy and Solid-State NMR; 4.1 General Introduction; 4.2 Application of Solution NMR to the Structural Characterization of Organolithium Compounds; 4.2.1 Diffusion NMR Measurement Methods
4.2.1.1 Pulsed Field Gradient Spin Echo (PFGSE) 4.2.1.2 From the First to the Second Dimension: DOSY NMR Experiment; 4.2.2 DOSY Application to the Structural Analysis of Organolithium Compounds; 4.2.2.1 Structure of the Mixed Methylolithium/Lithium Chloride Aggregate; 4.2.2.2 Structure of a Lithium Phosphido-Borane; 4.2.2.3 Structure of Lithium Zincate; 4.2.3 Conclusion; 4.3 Solid-State NMR; 4.3.1 Basic Principles; 4.3.1.1 Homo and Heteronuclear Dipole-Dipole Couplings (D: Dipole-Dipole); 4.3.1.2 Chemical Shift Anisotropy (CSA); 4.3.1.3 Quadrupolar Interactions for Nuclei with $I < 1/2$ (Q) 4.3.1.4 Magic Angle Spinning (MAS)

Sommario/riassunto

This unique book covers fundamentals of organolithium compounds and gives a comprehensive overview of the latest synthetic advances and developments in the field. Part I covers computational and spectroscopic aspects as well as structure-reactivity relationships of organolithiums, whereas Part II deals with new lithium-based synthetic methodologies as well as novel synthetic applications of functionalized lithium compounds. A useful resource for newcomers and active researchers involved in organic synthesis, whether working in academia or industry!

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| 2. Record Nr. | UNINA9910783085303321 |
| Titolo | Globalization and human rights [[electronic resource] /] / Alison Brysk, editor |
| Pubbl/distr/stampa | Berkeley, : University of California Press, c2002 |
| ISBN | 0-520-93628-0 9786612359552 1-59734-636-5 1-282-35955-X |
| Descrizione fisica | 1 online resource (323 p.) |
| Altri autori (Persone) | BryskAlison <1960-> |
| Disciplina | 323/.09/0511 |
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| Lingua di pubblicazione | Inglese |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Front matter -- Contents -- Illustrations -- Acknowledgments -- Introduction -- 1. Who Has a Right to Rights? -- 2. Tourism, Sex Work, and Women's Rights in the Dominican Republic -- 3. Interpreting the Interaction of Global Markets and Human Rights -- 4. Economic Globalization and Rights -- 5 Sweatshops and International Labor Standards -- 6. The Ironies of Information Technology -- 7. Globalization and the Social Construction of Human Rights Campaigns -- 8. The Drama of Human Rights in a Turbulent, Globalized World -- 9. Transnational Civil Society Campaigns and the World Bank Inspection Panel -- 10. Humanitarian Intervention -- 11. Human Rights, Globalizing Flows, and State Power -- Conclusion -- Works Cited -- Contributors -- Index |
| Sommario/riassunto | In this landmark volume, Alison Brysk has assembled an impressive array of scholars to address new questions about globalization and human rights. Is globalization generating both problems and opportunities? Are new problems replacing or intensifying state repression? How effective are new forms of human rights accountability? These essays include theoretical analyses by Richard Falk, Jack Donnelly, and James Rosenau. Chapters on sex tourism, |

international markets, and communications technology bring new perspectives to emerging issues. The authors investigate places such as the Dominican Republic, Nigeria, and the Philippines. The contemporary world is defined by globalization. While global human rights standards and institutions have been established, assaults on human dignity continue. These essays identify the new challenges to be faced, and suggest new ways to remedy the costs of globalization.
