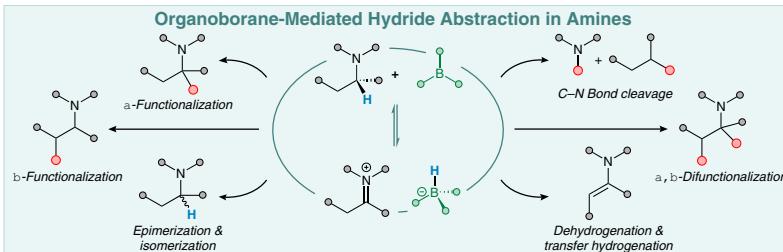


Cluster

Modern Boron Chemistry: 60 Years of the Matteson Reaction

Editor: Tomislav Rovis

Guest Editors: James P. Morken, Varinder K. Aggarwal



Recent Advances in Catalysis Using Organoborane-Mediated Hydride Abstraction

**J. P. Gillions, S. A. Elsherbeni, L. Winfrey, L. Yun, R. L. Melen,
L. C. Morrill, A. P. Pulis**

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Synlett 2023, 34, 2059–2060
DOI: 10.1055/s-0043-1763569

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Cluster Preface: Modern Boron Chemistry: 60 Years of the Matteson Reaction

Cluster
2059



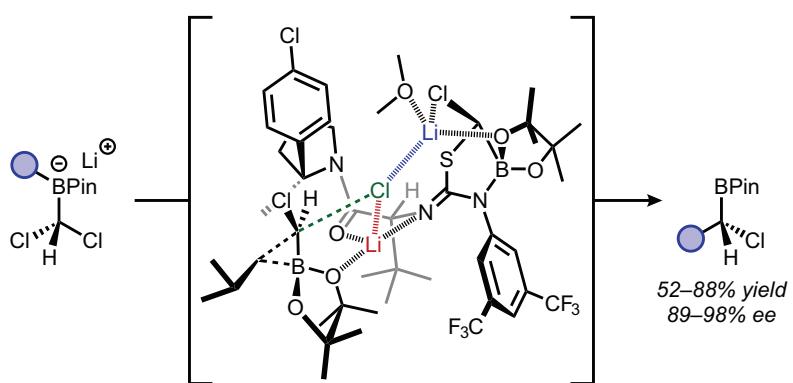
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Synlett 2023, 34, 2061–2070
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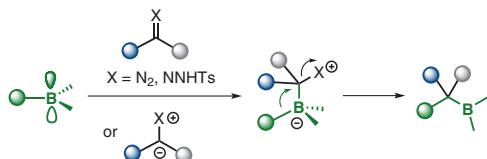
Development of Enantioselective Lithium-Isothiourea-Boronate-Catalyzed Matteson Homologations

Cluster Account
2061

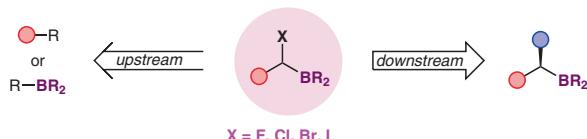


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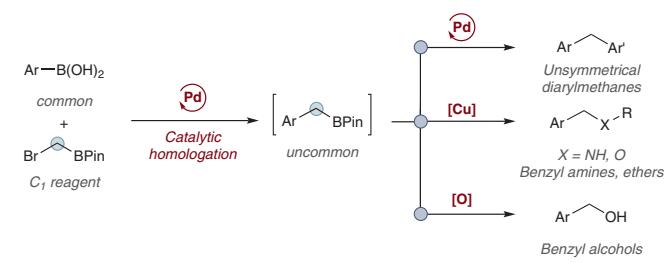
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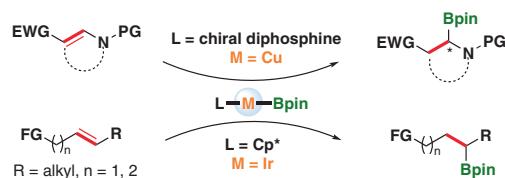
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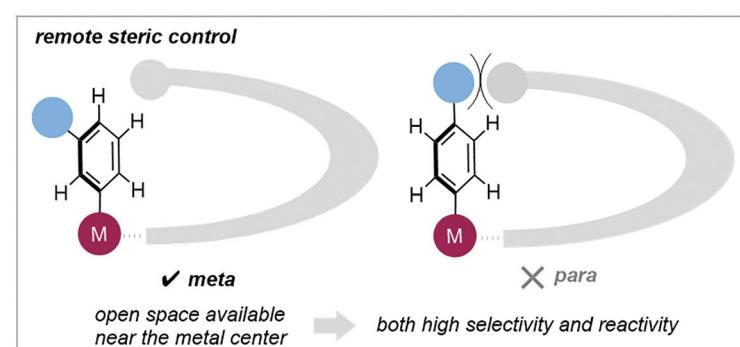
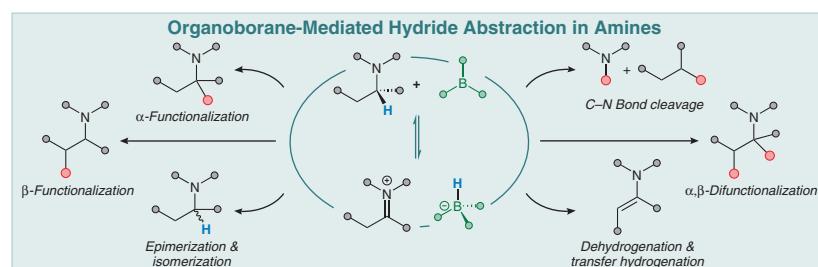
• Diversity-oriented synthesis • Simple catalytic homologation • No conventional organometallics
• Access to a range of C-X bonds • Limitations disclosed

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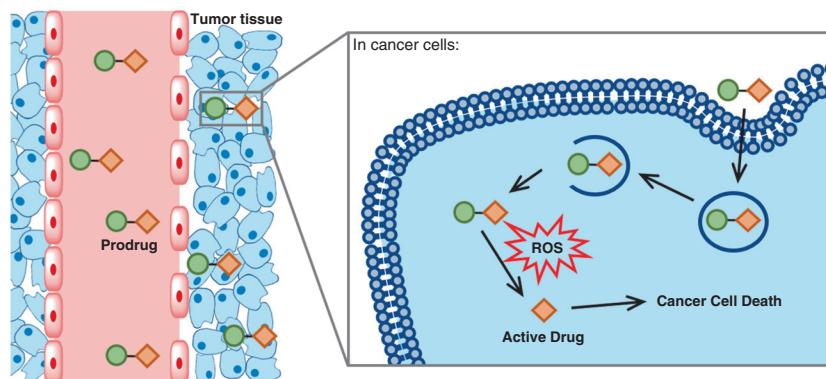
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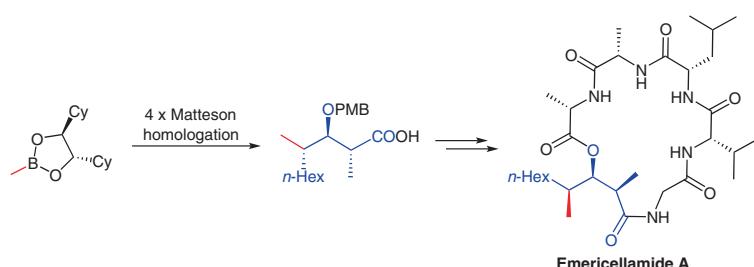
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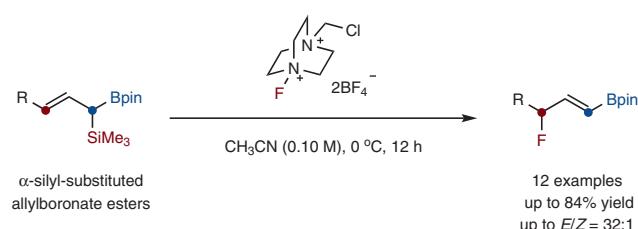
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Synlett 2023, 34, 2169–2174
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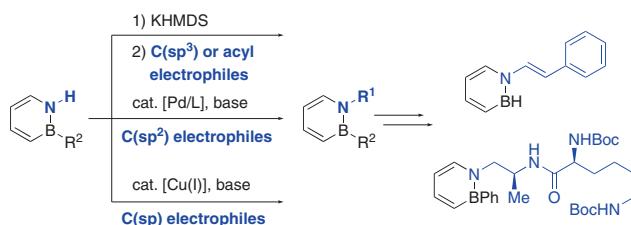
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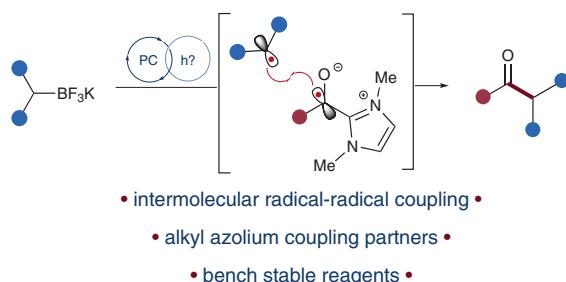
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Synlett 2023, 34, 2175–2180
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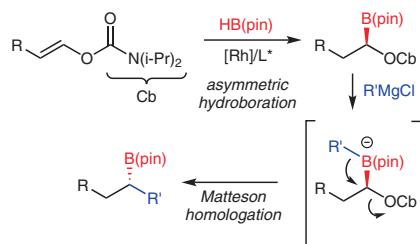
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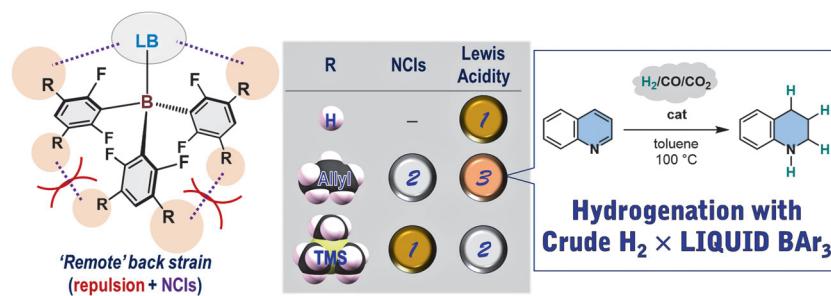


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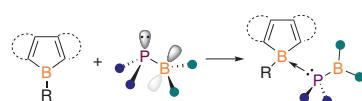
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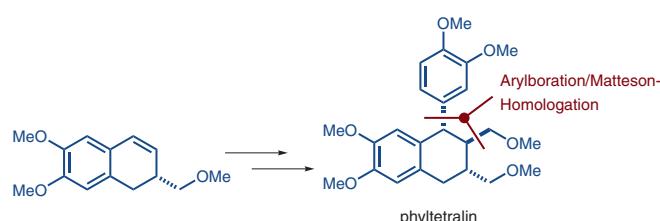
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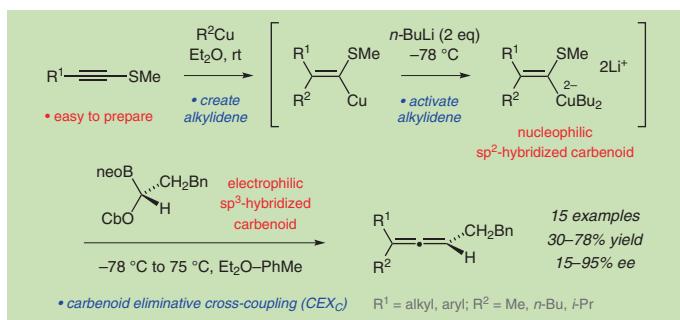
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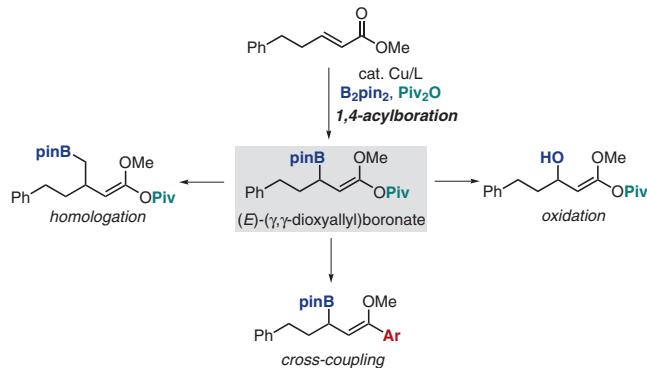
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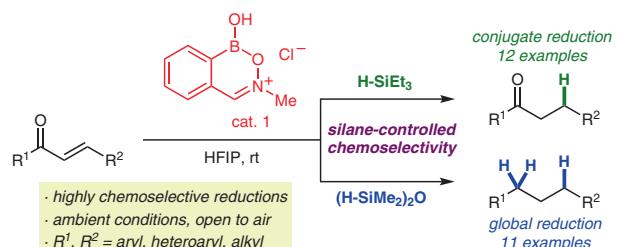


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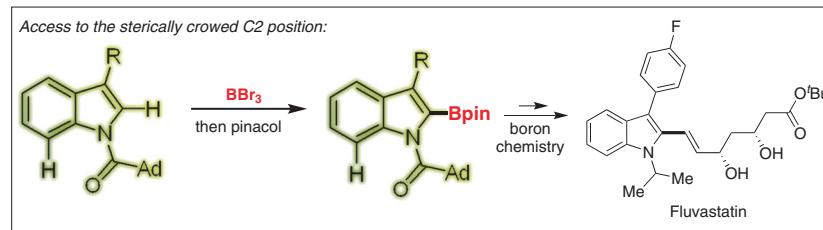
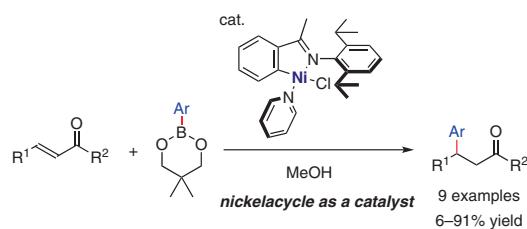


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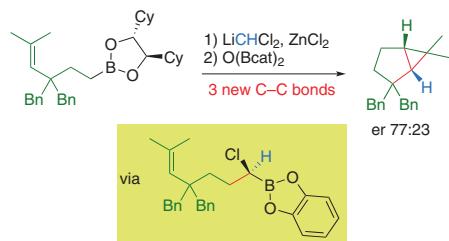
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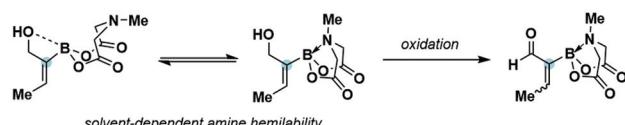
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