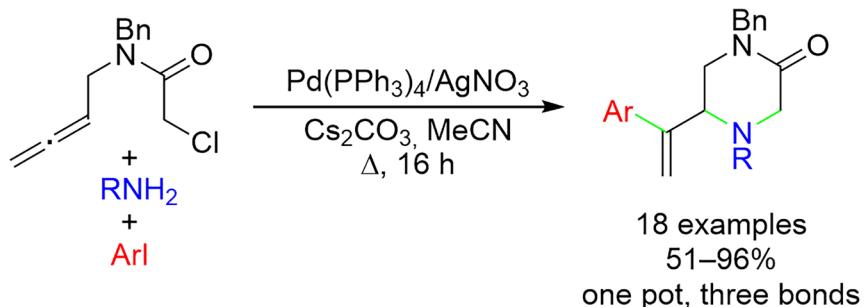


# Synthesis

Reviews and Full Papers in Chemical Synthesis

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Synthesis of Piperazin-2-one Derivatives via Cascade Double Nucleophilic Substitution

*M. Petkovic, D. Kusljevic, M. Jovanovic, P. Jovanovic, G. Tasic, M. Simic, V. Savic*

 Thieme

**Synthesis**

Synthetic Approaches to the 2019–2020 New Agrochemicals

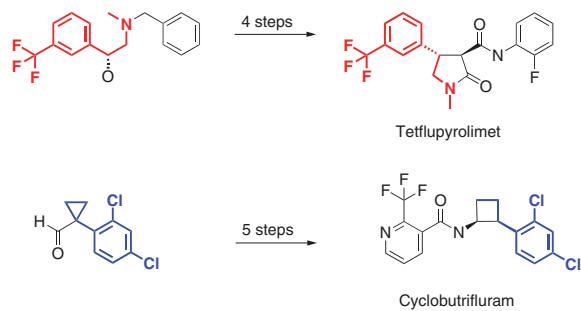
Review

357

*Synthesis* 2024, 56, 357–367  
DOI: 10.1055/a-2142-8961

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**Synthesis**

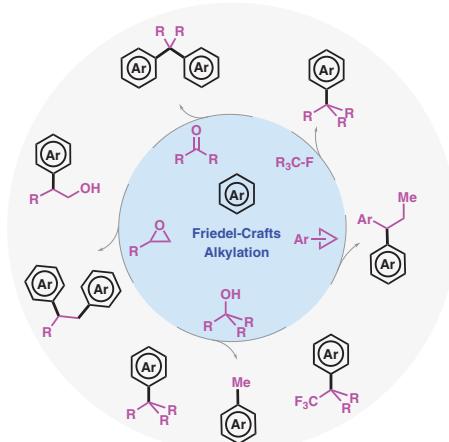
Recent Advancements in Typical Friedel–Crafts Alkylation Reactions  
Focused on Targeting Arene Nucleophiles

Short Review

368

*Synthesis* 2024, 56, 368–388  
DOI: 10.1055/s-0042-1751492

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**Synthesis**

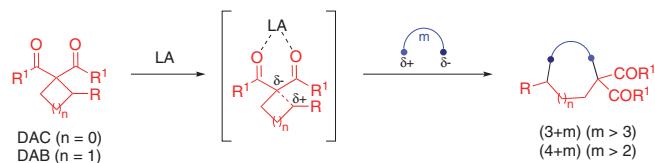
*Synthesis* 2024, 56, 389–398  
DOI: 10.1055/a-2155-3615

**Recent Advances on High-Order Dipolar Annulations of Donor–Acceptor Cyclopropanes/Cyclobutanes****Short Review**

389

L. Yang  
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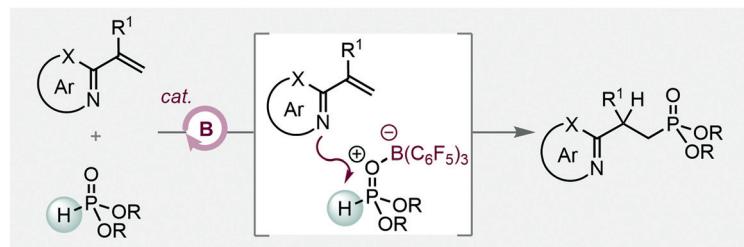
**Synthesis**

*Synthesis* 2024, 56, 399–407  
DOI: 10.1055/a-2218-9298

**Boron Lewis Acid Catalyzed Hydrophosphorylation of *N*-Heteroaryl-Substituted Alkenes****Feature**

399

S. Kwak  
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Republic of Korea



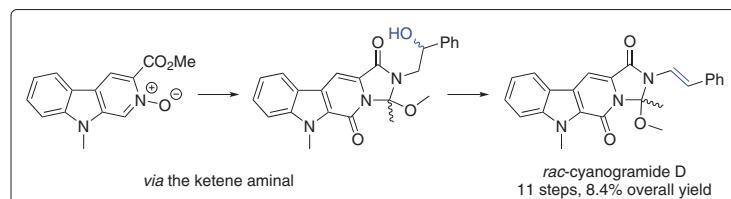
Main group catalysis • Cooperative deprotonation • An operationally simple method

**Synthesis*****N*-Oxide Route to the Marine Natural Product Cyanogramide D****Feature**

408

*Synthesis* 2024, 56, 408–417  
DOI: 10.1055/a-2202-7145

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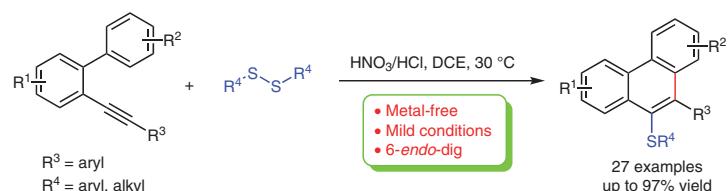
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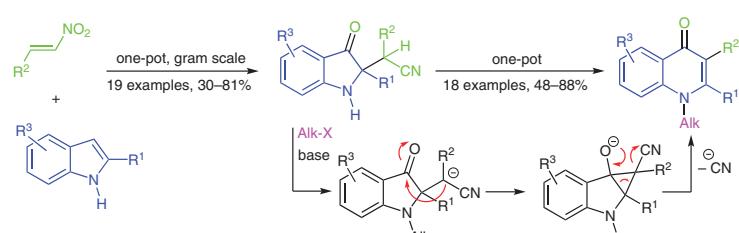
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Synthesis 2024, 56, 445–454  
DOI: 10.1055/a-2195-7907

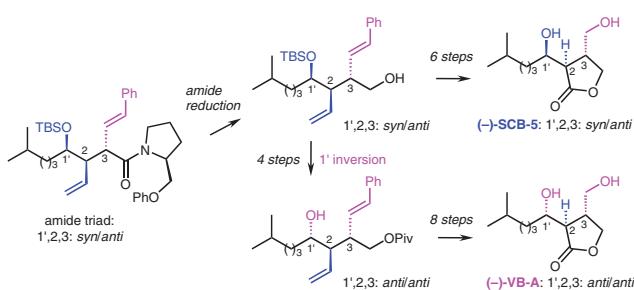
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Synthesis 2024, 56, 455–461  
DOI: 10.1055/a-2204-2801

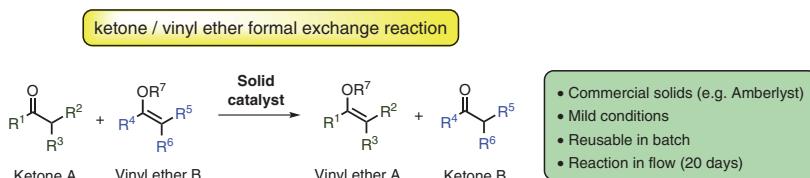
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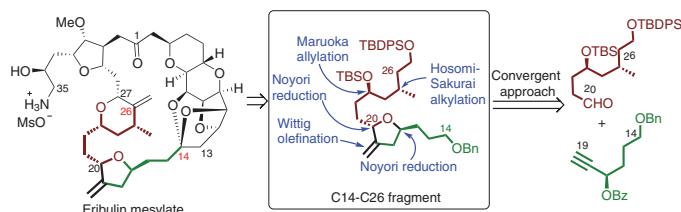


Synthesis 2024, 56, 462–468  
DOI: 10.1055/a-2202-5597

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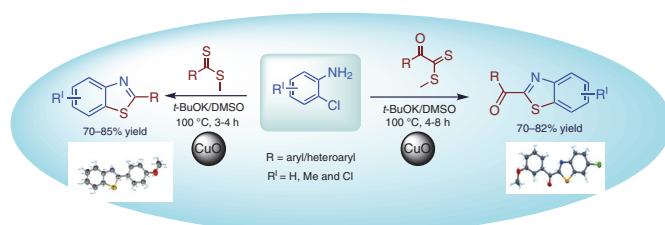
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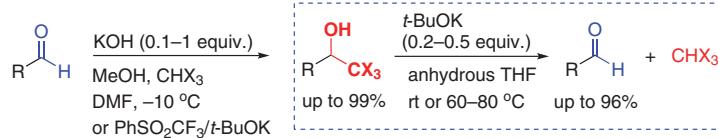
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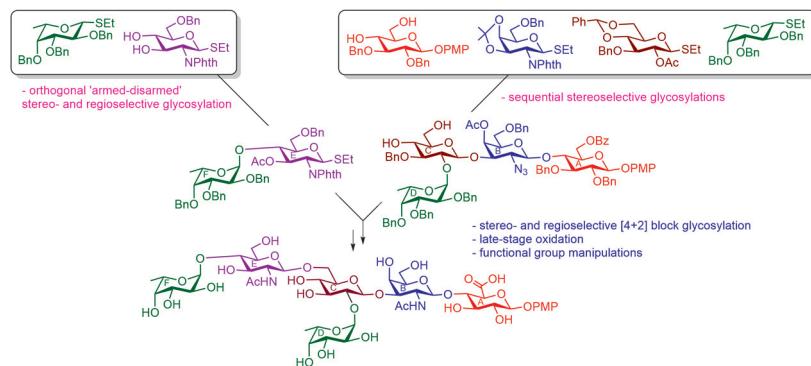
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Synthesis 2024, 56, 496–506  
DOI: 10.1055/a-2183-0262

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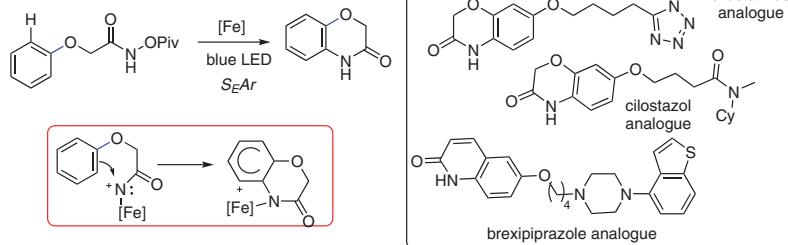
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Synthesis 2024, 56, 507–517  
DOI: 10.1055/a-2193-5593

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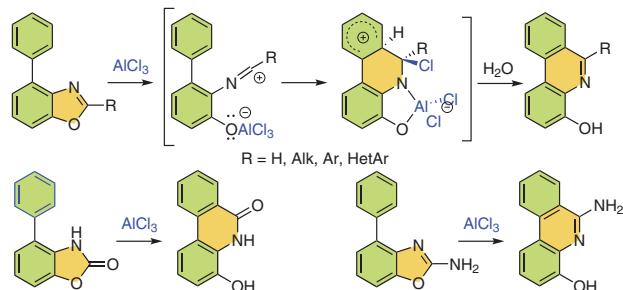
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Synthesis 2024, 56, 518–526  
DOI: 10.1055/a-2198-1589

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