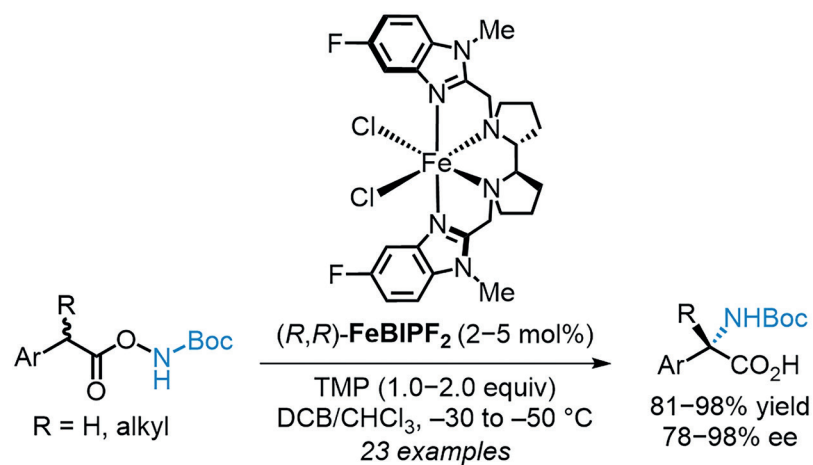


Synthesis

Reviews and Full Papers in Chemical Synthesis

September 3, 2024 • Vol. 56, 2595–2746



α -Amino Acid Synthesis by 1,3-Nitrogen Migration: An Update

K. Yin, E. Meggers

17

Synthesis

Copper-Catalyzed Carbonylation Reactions: A Personal Account

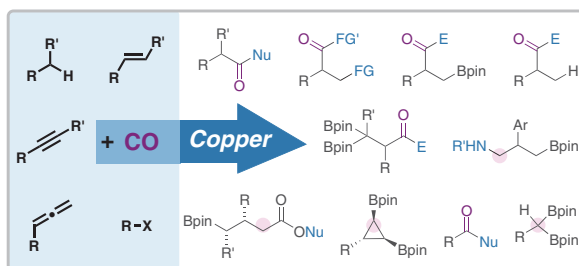
Review

Synthesis 2024, 56, 2595–2613
DOI: 10.1055/s-0042-1751542

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2595



Synthesis

Stereospecific Palladium-Catalyzed Cross-Coupling of Alkylboron Compounds: A Short Account

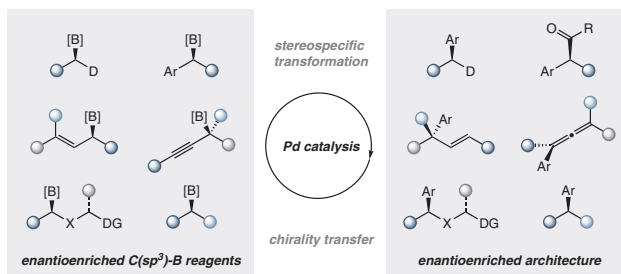
Short Review

Synthesis 2024, 56, 2614–2626
DOI: 10.1055/s-0042-1751575

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2614



Synthesis

Synthesis 2024, 56, 2627–2637
DOI: 10.1055/a-2298-2106

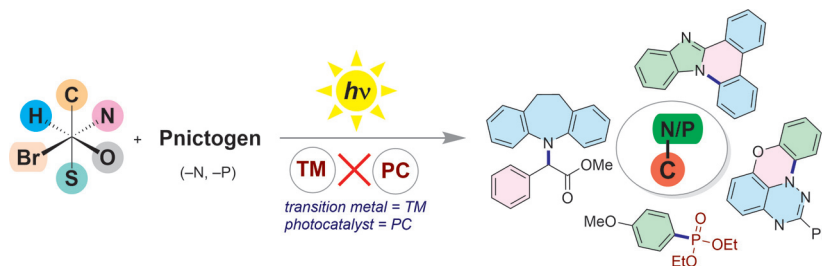
R. Bhanja
S. K. Bera
P. Mal*

An OCC of Homi Bhabha National Institute, India

Transition-Metal- and Photocatalyst-Free Photoinduced Formation of Carbon–Pnictogen (–N, –P) Bonds

Short Review

2627



Synthesis

Synthesis 2024, 56, 2638–2647
DOI: 10.1055/a-2335-8677

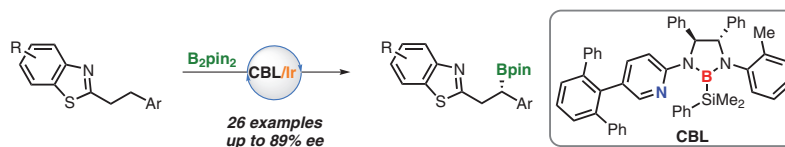
L.-J. Xie
L. Chen*
S. Xu*

Lanzhou Institute of Chemical Physics, P. R. of China

Benzothiazole-Directed Enantioselective Borylation of Secondary Benzylic C–H Bonds Using Iridium Catalysis

Feature

2638



Synthesis

Synthesis 2024, 56, 2648–2654
DOI: 10.1055/a-2335-8452

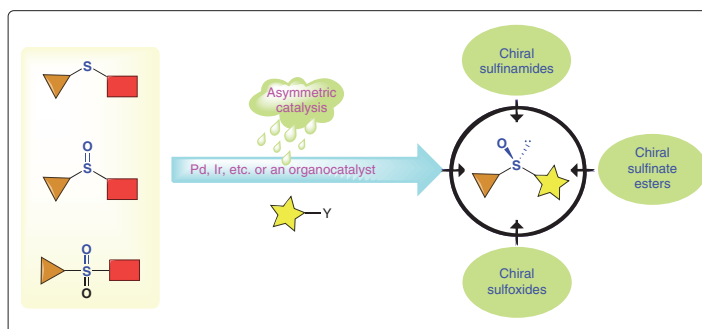
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X. Wu
J. Huang
G. Liu*
J. Wu*

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Asymmetric Access to Chiral Sulfinyl Compounds as Bioisosteres of Carbonyl Compounds

Paper

2648



Synthesis

Synthesis 2024, 56, 2655–2662
DOI: 10.1055/a-2331-2707

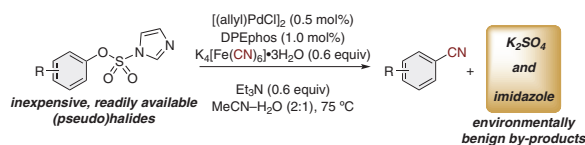
N. A. Wilson
W. M. Palmer
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Palladium-Catalyzed Cyanations of Aryl Imidazolylsulfonates with $K_4[Fe(CN)_6]$: A Pragmatic Approach to Benzonitriles from Phenols

Paper

2655



Synthesis

Synthesis 2024, 56, 2663–2669
DOI: 10.1055/s-0043-1775370

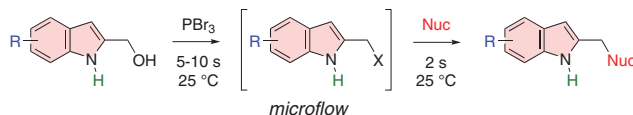
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Rapid and Mild Nucleophilic Substitution of a Highly Active (Indol-2-yl)methyl Electrophile in a Microflow Reactor

Paper

2663



Synthesis

Synthesis 2024, 56, 2670–2680
DOI: 10.1055/s-0043-1775371

K. Yin
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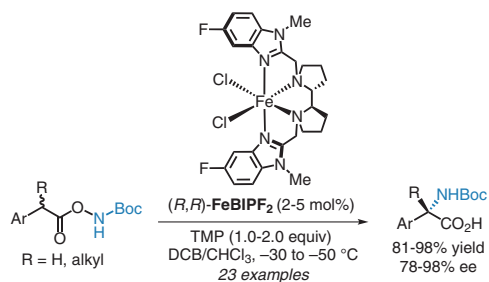
Philipps-Universität Marburg, Germany

α -Amino Acid Synthesis by 1,3-Nitrogen Migration: An Update

Paper

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2670



Synthesis

Stereoselective Synthesis of Azobenzene-Based Glycomacrocycles

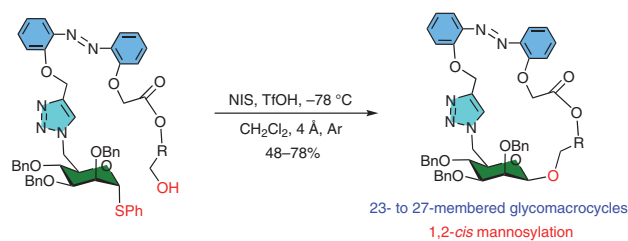
Paper

2681

Synthesis 2024, 56, 2681–2686
DOI: 10.1055/s-0043-1774911

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Synthesis

1,3-Dipolar Cycloaddition of Diazophosphonates with Methyl(Ethyl) Acrylate for the Synthesis of 5-Arylpyrazole-3-carboxylates

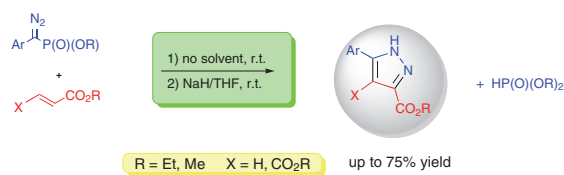
Paper

2687

Synthesis 2024, 56, 2687–2694
DOI: 10.1055/a-2338-8631

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Synthesis

A Practical Electrochemical Approach for Synthesizing Selenyl-Dihydrobenzofurans and Chromane with a Tetrasubstituted Carbon Center

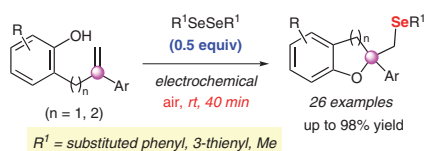
Paper

2695

Synthesis 2024, 56, 2695–2702
DOI: 10.1055/s-0043-1775373

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Synthesis

Synthesis 2024, 56, 2703–2708
DOI: 10.1055/s-0043-1775376

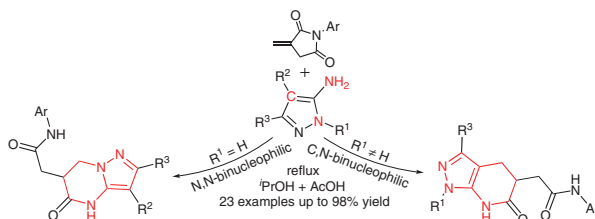
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Efficient Synthesis of Tetrahydropyrazolo[1,5-a]pyrimidines Based on the Recyclization of N-Arylitaconimides with Aminopyrazoles

Paper

2703



Synthesis

Synthesis 2024, 56, 2709–2730
DOI: 10.1055/a-2335-4444

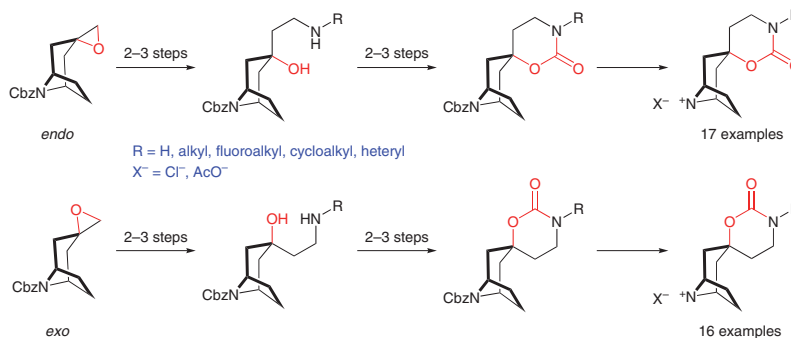
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Spirocyclic Hybrids of Nortropane and 1,3-Oxazinan-2-one Fragments

Paper

2709



Synthesis

Synthesis 2024, 56, 2731–2741
DOI: 10.1055/s-0043-1774910

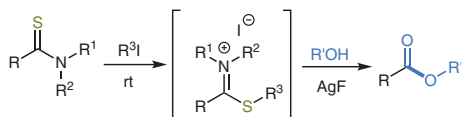
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Efficient Synthesis of Esters by Cleavage of C–S and C–N Bonds via Alkylation and Activation of Thioamides

Paper

2731



Synthesis 2024, 56, 2742–2746
DOI: 10.1055/s-0043-1774930

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