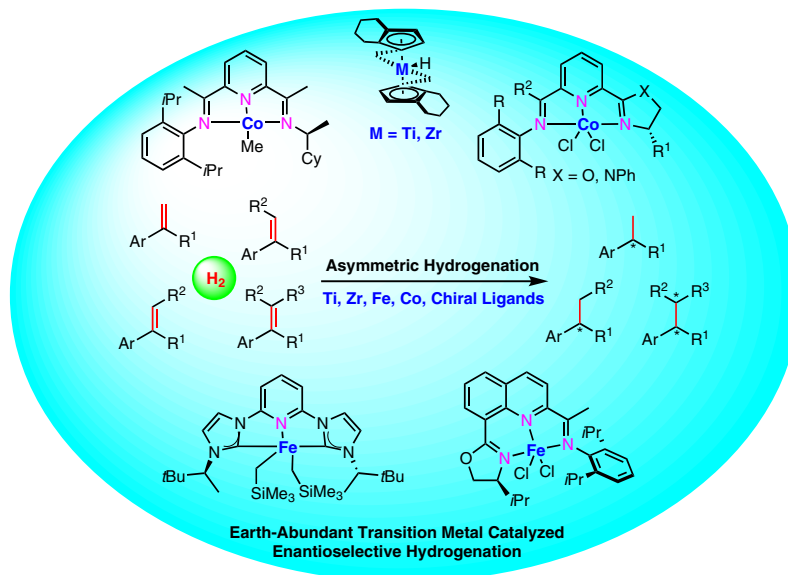


Synthesis

Reviews and Full Papers in Chemical Synthesis

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Earth-Abundant Transition Metal Catalyzed Asymmetric Hydrogenation of Minimally Functionalized Alkenes

P. Lu, Z. Lu

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Synthesis

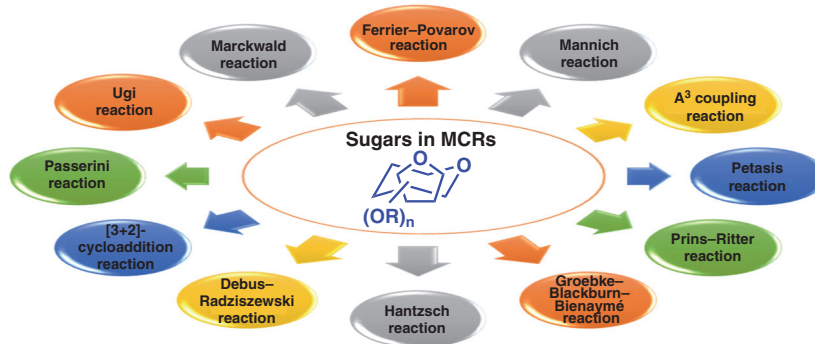
Synthesis 2023, 55, 1007–1041
DOI: 10.1055/s-0042-1751418

V. K. Maikhuri
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Sugars in Multicomponent Reactions: A Toolbox for Diversity-Oriented Synthesis

Review

1007



Synthesis

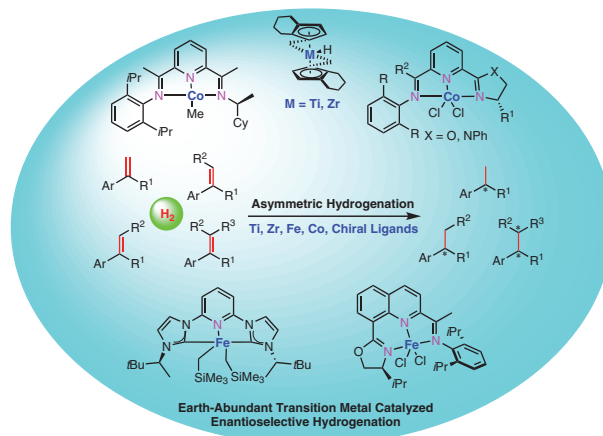
Synthesis 2023, 55, 1042–1052
DOI: 10.1055/a-2000-8183

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Earth-Abundant Transition Metal Catalyzed Asymmetric Hydrogenation of Minimally Functionalized Alkenes

Short Review

1042



Synthesis

Synthesis **2023**, *55*, 1053–1068
DOI: 10.1055/a-2002-5733

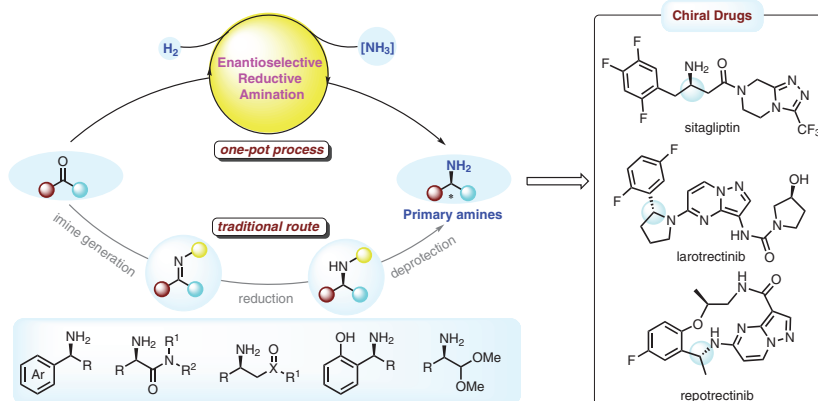
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Synthesis of Chiral Primary Amines via Enantioselective Reductive Amination: From Academia to Industry

Short Review

1053



Synthesis

Synthesis **2023**, *55*, 1069–1078
DOI: 10.1055/a-2004-1279

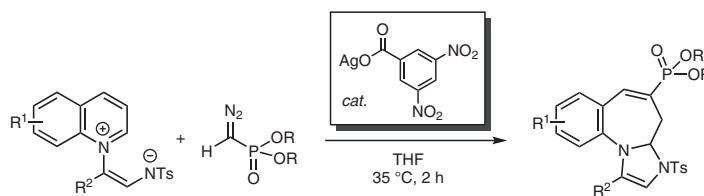
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Silver-Catalyzed Ring Expansion of Activated N-Heteroarenes via 1,4-Dearomative Addition of Diazomethylphosphonates

Feature

1069



Synthesis

Synthesis **2023**, *55*, 1079–1086
DOI: 10.1055/a-1979-8930

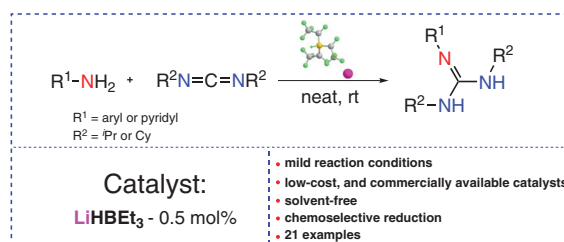
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Hydroamination of Carbodiimides Catalyzed by Lithium Triethylborohydride

Paper

1079



Synthesis

Synthesis of the Three Most Expensive L-Hexose Thioglycosides from D-Glucose

Paper

1087

Synthesis **2023**, *55*, 1087–1111
DOI: 10.1055/s-0042-1751394

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Synthesis

Benzo-Fused 7-Oxabicyclo[2.2.1]heptane-2,3-diol Derivatives as Universal Linkers for Solid-Phase Oligonucleotide Synthesis

Paper

1112

Synthesis **2023**, *55*, 1112–1122
DOI: 10.1055/s-0042-1751405

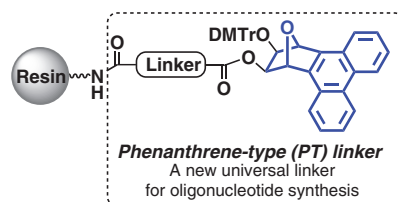
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Synthesis

Samarium-Promoted Homocoupling of Benzaldehydes and In Situ Condensation with Esters Under the Catalysis of Cuprous Iodide

Paper

1123

Synthesis **2023**, *55*, 1123–1129
DOI: 10.1055/a-1983-3890

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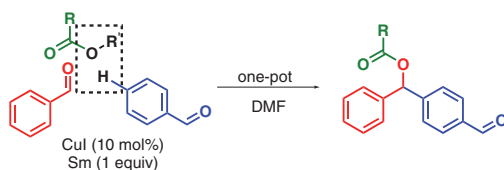
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Synthesis

Synthesis 2023, 55, 1130–1138
DOI: 10.1055/a-1970-8229

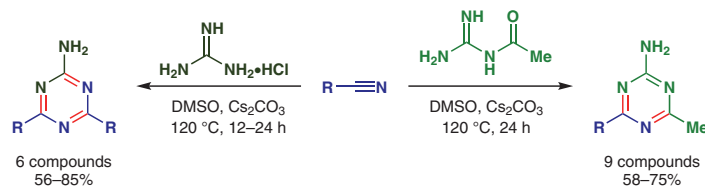
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Practical One-Pot Synthesis of 4,6-Bis(hetero)aryl- and 4-(Hetero)aryl-6-methyl-substituted 1,3,5-Triazin-2-amines

Paper

1130



- ✓ One-pot reactions
- ✓ Readily available commercial starting materials
- ✓ Avoidance of handling and safety issues by employing mild and user-friendly base
- ✓ First synthesis of 4-(hetero)aryl-6-methyl-substituted 1,3,5-triazin-2-amines

Synthesis

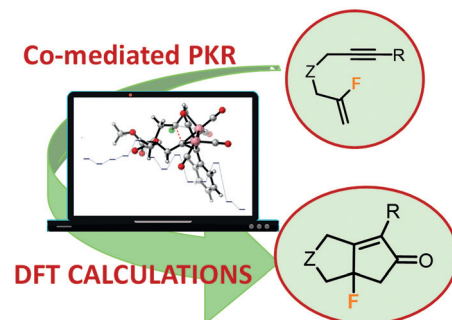
Synthesis 2023, 55, 1139–1149
DOI: 10.1055/s-0042-1751392

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A Density Functional Theory Study on the Cobalt-Mediated Intramolecular Pauson–Khand Reaction of Enynes Containing a Vinyl Fluoride Moiety

Paper

1139



Synthesis

Synthesis 2023, 55, 1150–1158
DOI: 10.1055/s-0042-1751770

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Copper(I)-Catalysed Reaction of Hydrazoneyl Chlorides with Homopropargylic Alcohols: Regioselective Synthesis of 5-Substituted Pyrazoles

Paper

1150

