

Synthesis

Synthesis 2020, 52, 1991–2007
DOI: 10.1055/s-0039-1690869

S. Abdul-Rashed

C. Holt

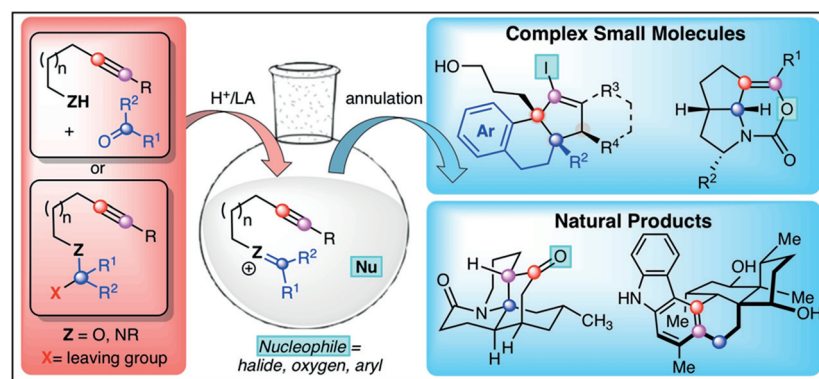
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Alkynyl Prins and Alkynyl Aza-Prins Annulations: Scope and Synthetic Applications

Review

1991



Synthesis

Synthesis 2020, 52, 2008–2016
DOI: 10.1055/s-0039-1690890

M. Mittersteiner*

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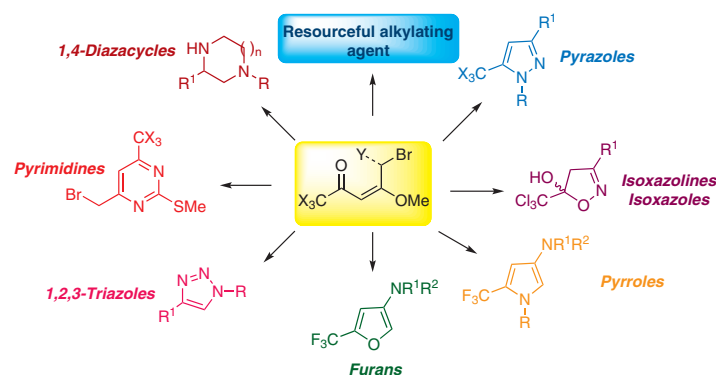
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Brominated β -Alkoxyvinyl Trihalomethyl Ketones as Promising Synthons in Heterocyclic Synthesis

Short Review

2008



Synthesis

Synthesis 2020, 52, 2017–2030
DOI: 10.1055/s-0039-1690882

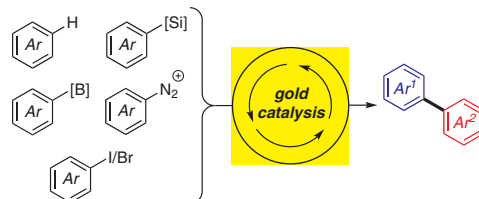
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Homogeneous Gold-Catalyzed Aryl–Aryl Coupling Reactions

Short Review

2017



Synthesis

Synthesis 2020, 52, 2031–2037
DOI: 10.1055/s-0039-1690896

M. Tejada-Serrano

S. Sanz-Navarro

F. Blake

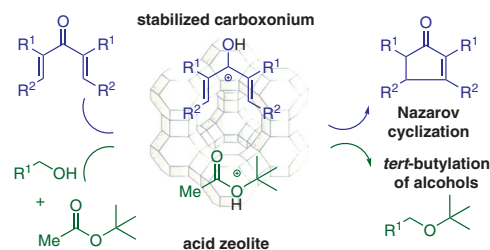
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Zeolites Catalyze the Nazarov Reaction and the *tert*-Butylation of Alcohols by Stabilization of Carboxonium Intermediates

Feature

2031



Synthesis

Synthesis 2020, 52, 2038–2044
DOI: 10.1055/s-0040-1707472

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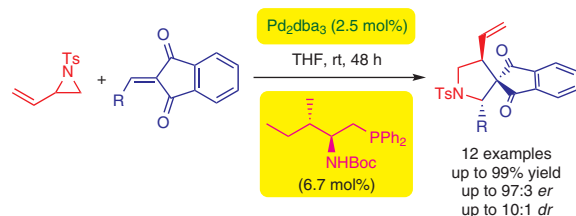
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Palladium-Catalyzed [3+2] Cycloaddition of Vinylaziridine and Indane-1,3-diones: Diastereo- and Enantioselective Access to Spiro-Pyrrolidines

Paper

2038



Synthesis

Synthesis 2020, 52, 2045–2064
DOI: 10.1055/s-0039-1690840

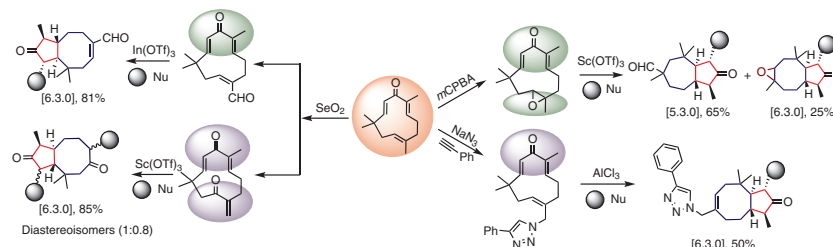
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Accessing Polycyclic Terpenoids from Zerumbone via Lewis Acid Catalyzed Synthetic Strategies

Paper

2045



Synthesis

Synthesis 2020, 52, 2065–2072
DOI: 10.1055/s-0039-1690865

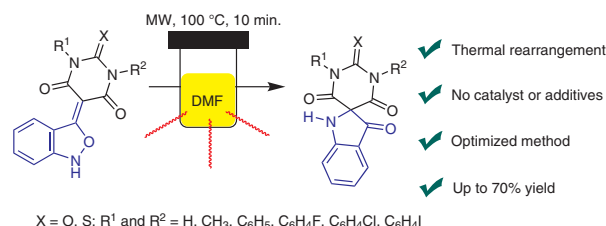
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The Synthesis of 2-Spiroindolin-3-one-(thio)barbiturates from 2,1-Benzisoxazoles: A Rearrangement Promoted by Thermal Conditions

Paper

2065



Synthesis

Synthesis 2020, 52, 2073–2091
DOI: 10.1055/s-0039-1690860

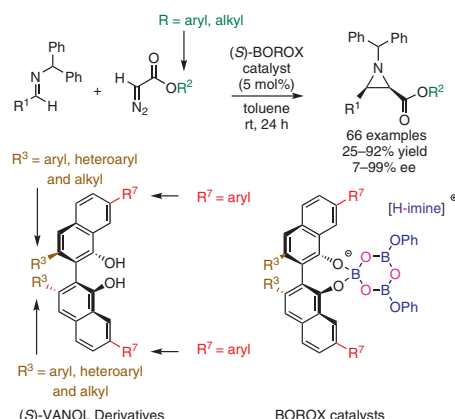
Y. Guan
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Catalytic Asymmetric Aziridination of Benzhydryl Imines and Diazoacetate Esters with BOROX Catalysts from 3,3'-Disubstituted VANOL Ligands

Paper

2073



Synthesis

Synthesis 2020, 52, 2092–2098
DOI: 10.1055/s-0039-1707988

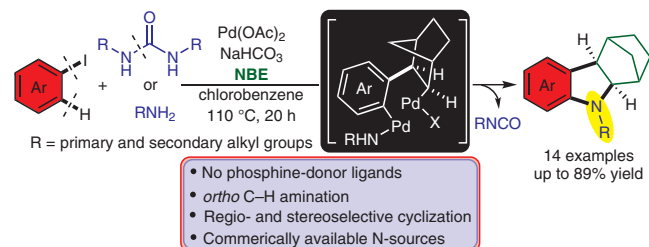
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Palladium/Norbornene Chemistry in the Synthesis of Polycyclic Indolines with Simple Nitrogen Sources

Paper

2092



Synthesis

Synthesis 2020, 52, 2099–2105
DOI: 10.1055/s-0040-1707103

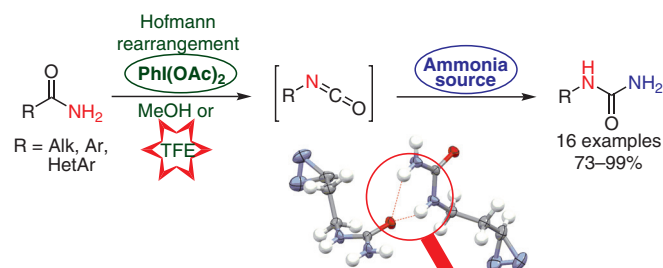
N. Saraiva Rosa
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A Straightforward Synthesis of N-Substituted Ureas from Primary Amides

Paper

2099



Synthesis

Synthesis 2020, 52, 2106–2110
DOI: 10.1055/s-0039-1690863

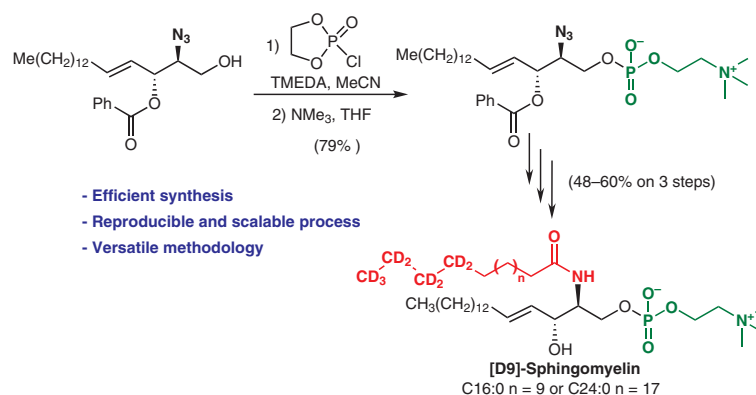
N. Philippe*
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An Improved, Versatile, and Easily Scalable Synthesis of Sphingomyelins: Application to Stable Isotope Labeling

Paper

2106



Synthesis

Synthesis **2020**, 52, 2111–2120
DOI: 10.1055/s-0040-1707999

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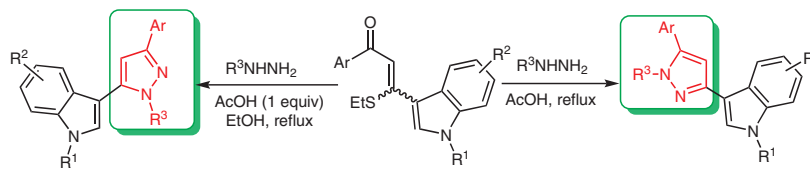
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Regioselective Synthesis of Isomeric 3-[1-Substituted Pyrazol-3(5)-yl]indoles from β -Ethylthio- β -indolyl- α,β -unsaturated Ketones

Paper

2111



- good flexibility
- high synthesis efficiency

- good regioselectivity
- high yields
- 20 examples

Synthesis

Synthesis **2020**, 52, 2121–2126
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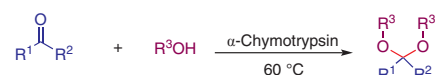
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α -Chymotrypsin-Induced Acetalization of Aldehydes and Ketones with Alcohols

Paper

2121



- Broad substrate scopes
- Mild reaction conditions
- 16 examples
- Up to 98% yield
- C–O bond formation
- Biocatalysis-promoted