

TM
S98/a

SYNLETT

Accounts and Rapid Communications in Synthetic Organic Chemistry

Synpacts

D. D. Schwarzer, P. J. Gritsch, T. Gaich

How to 'Cope' with the Prenylation
of the Indole C4 Position

X. Wang, H. Li, X. Lei

Challenges and Strategies to the Total
Syntheses of Fawcettimine-Type and
Serratinine-Type Lycopodium Alkaloids

Accounts

S. Okamoto, Y.-k. Sugiyama

From the Development of Catalysts
for Alkyne and Alkyne–Nitrile [2+2+2]
Cycloaddition Reactions to Their Use
in Polymerization Reactions

S. Florio

α -Lithiated α -Heterosubstituted
2-Alkyloxazolines: Key Players in
Organic Synthesis

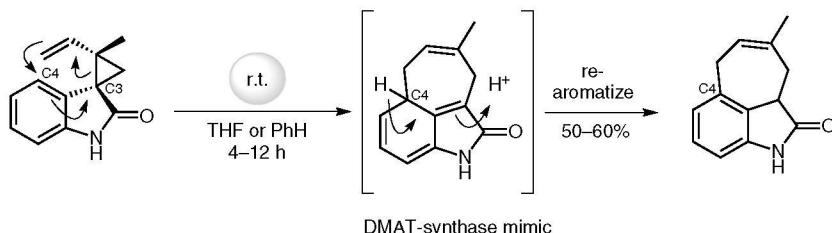
2013 • Vol. 24, 1025 – 1164



Thieme

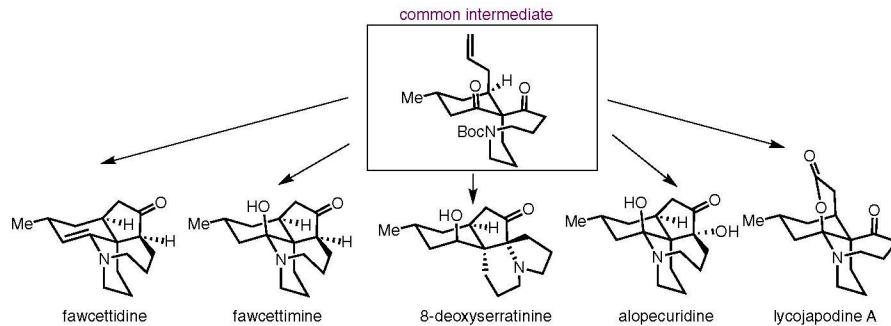
1025 D. D. Schwarzer
P. J. Gritsch
T. Gaich*

How to ‘Cope’ with the Prenylation of the Indole C4 Position



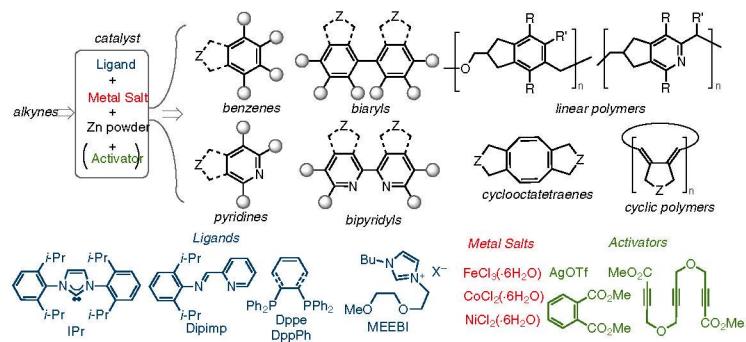
1032 X. Wang
H. Li
X. Lei*

Challenges and Strategies to the Total Syntheses of Fawcettimine-Type and Serratinine-Type Lycopodium Alkaloids

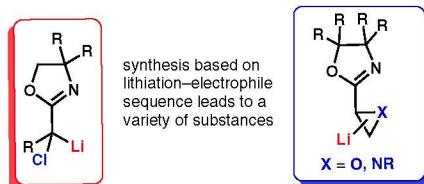


1044 S. Okamoto*
Y.-k. Sugiyama

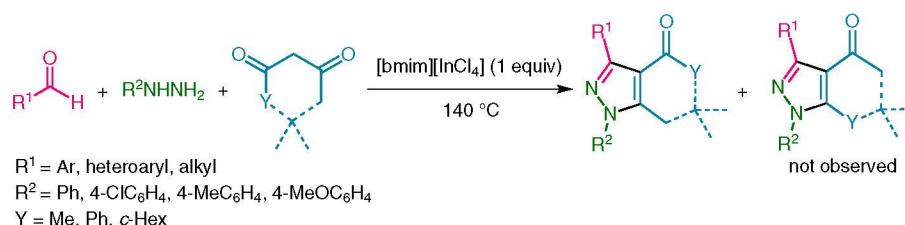
From the Development of Catalysts for Alkyne and Alkyne–Nitrile [2+2+2] Cycloaddition Reactions to Their Use in Polymerization Reactions



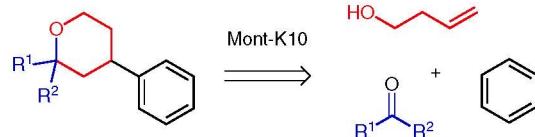
1061 S. Florio*

 [\$\alpha\$ -Lithiated \$\alpha\$ -Heterosubstituted 2-Alkyloxazolines: Key Players in Organic Synthesis](#)

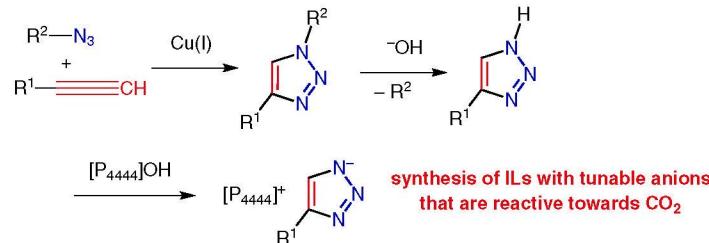
1086 S. Safaei
 I. Mohammadpoor-Baltork*
 A. R. Khosropour*
 M. Moghadam
 S. Tangestaninejad
 V. Mirkhani
 H. R. Khavasi

[\[Bmim\]\[InCl₄\]-Catalyzed Addition of Hydrazones to \$\beta\$ -Diketones: An Efficient Regioselective Synthesis of Pyrazoles and Pyrazole-Fused Cyclohexanones](#)

1091 M. R. Dintzner*

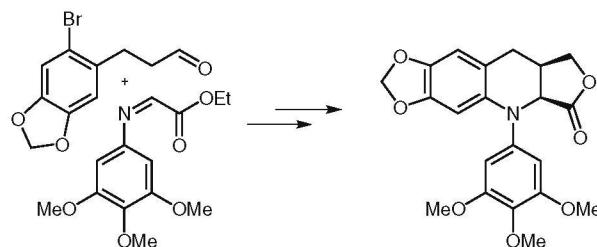
[Montmorillonite K10 Clay Catalyzed Synthesis of 4-Aryltetrahydropyrans: A One-Pot, Multicomponent, Environmentally Friendly Prins–Friedel–Crafts-Type Reaction](#)

1093 R. L. Thompson*
 K. Damodaran
 D. Luebke
 H. Nulwala*

[Aprotic Heterocyclic Anion Triazolide Ionic Liquids – A New Class of Ionic Liquid Anion Accessed by the Huisgen Cycloaddition Reaction](#)

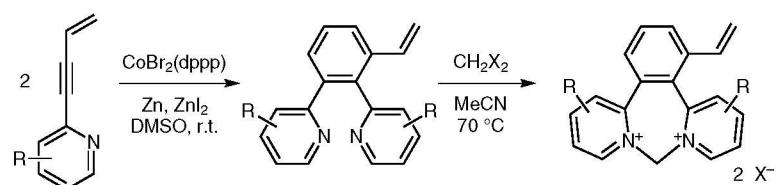
- 1097** B. M. Aigret
 J. Jacobs
 L. Van Meervelt
 W. M. De Borggraeve*

Asymmetric Synthesis of 1-Aza-4-deoxypicropodophyllotoxin



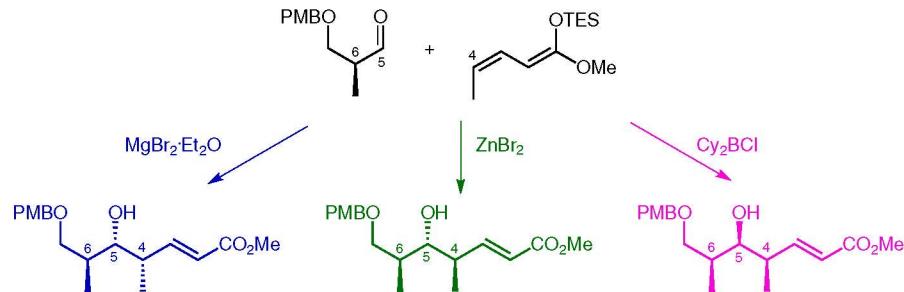
- 1101** P. Röse
 F. Pünner
 G. Hilt*
 K. Harms

Efficient Synthesis of 2-Pyridylenynes and Application in Cobalt-Catalysed Benzannulation Reactions



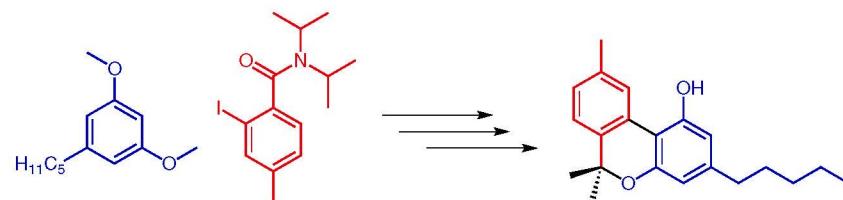
- 1105** D. Landsberg
 O. Hartmann
 U. Eggert
 M. Kalesse*

Diastereodivergent Vinylgous Mukaiyama Aldol Reaction



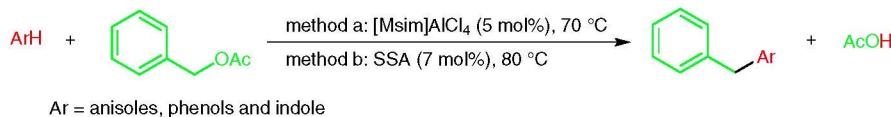
- 1109** M. P. Nüllen
 R. Göttlich*

Synthesis of Cannabinol by a Modified Ullmann–Ziegler Cross-Coupling



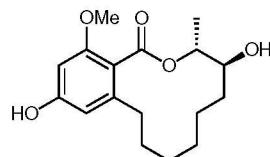
- 1113 M. A. Zolfigol*
H. Vahedi
S. Azimi
A. R. Moosavi-Zare

Benzylation of Aromatic Compounds Catalyzed by 3-Methyl-1-sulfonic Acid Imidazolium Tetrachloroaluminate and Silica Sulfuric Acid under Mild Conditions



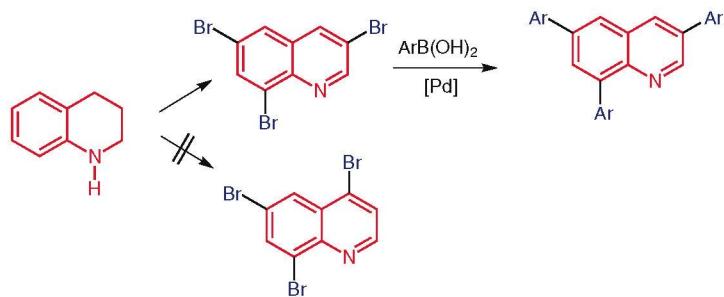
- 1117 S. Bujarani palli
G. C. Eppa
S. Das*

First Total Synthesis of (3*R*,4*S*)-4-Hydroxylasiodiplodin: A Facile and Stereoselective Approach



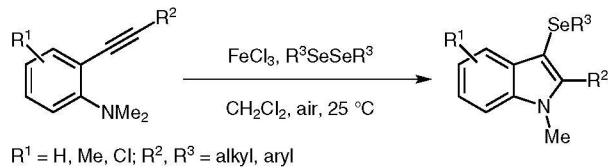
- 1121 O. A. Akrawi
H. H. Mohammed
P. Langer*

Synthesis and Suzuki–Miyaura Reactions of 3,6,8-Tribromoquinoline: A Structural Revision



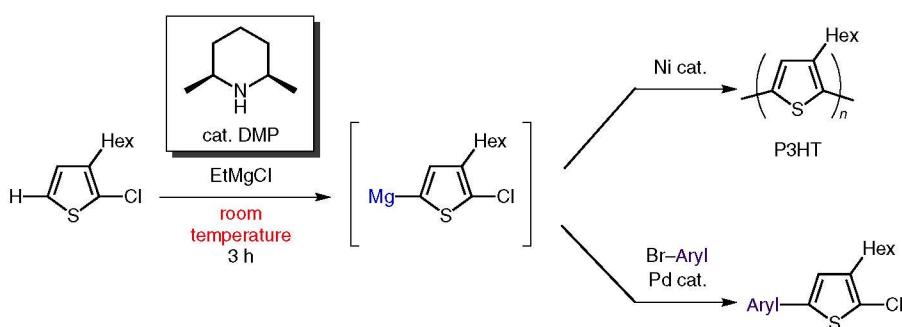
- 1125 A. Sperança
B. Godoi
P. H. Menezes
G. Zeni*

Application of FeCl₃/Diorganyl Diselenides to Cyclization of *o*-Alkynyl Anilines: Synthesis of 3-Organoselenyl-(*N*-methyl)indoles



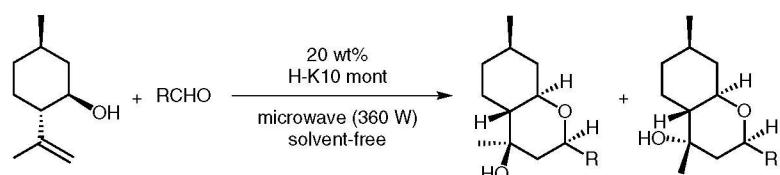
- 1133 S. Tamba
K. Ide
K. Shono
A. Sugie
A. Mori*

Deprotonative Metalation of Chlorothiophene with Grignard Reagents and Catalytic *cis*-2,6-Dimethylpiperidine under Mild Conditions



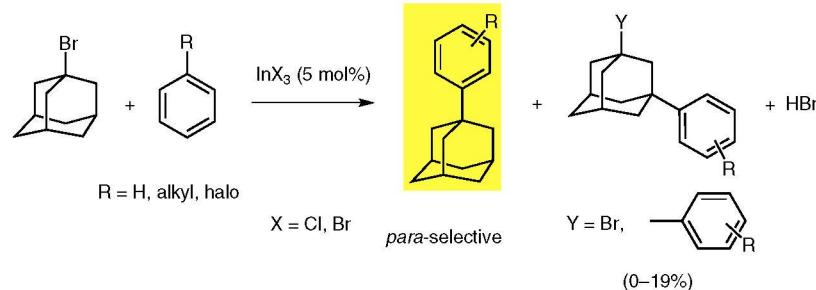
- 1137 G. Baishya*
B. Sarmah
N. Hazarika

An Environmentally Benign Synthesis of Octahydro-2*H*-chromen-4-ols via Modified Montmorillonite K10 Catalyzed Prins Cyclization Reaction



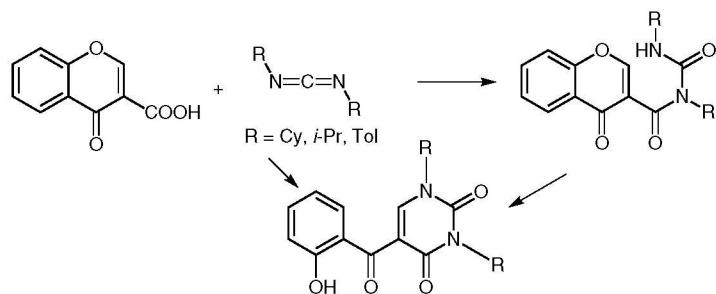
- 1142 P. Mosset*
R. Grée

Indium-Catalyzed Friedel-Crafts Alkylation of Monosubstituted Benzenes by 1-Bromoadamantane



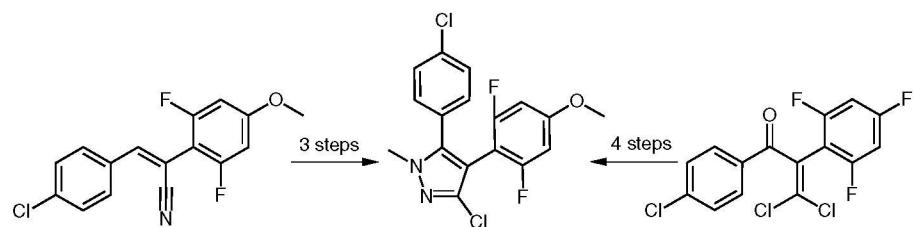
- 1147 O. Talhi
D. C. G. A. Pinto
A. M. S. Silva*

Synthesis of 5-(2-Hydroxybenzoyl)-1,3-Disubstituted Uracils



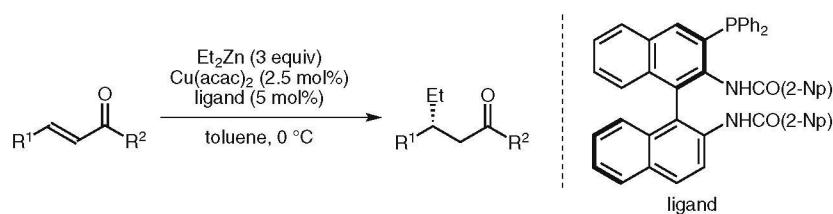
- 1150 R. Dumeunier*
C. Lamberth*
S. Trah

Synthesis of Tetrasubstituted Pyrazoles through Different Cyclization Strategies: Isosteres of Imidazole Fungicides



- 1155 K. Endo*
R. Takayama
T. Shibata*

BINAM-mono-PHOS as New Entry for Multinuclear Copper Catalysts in Asymmetric Conjugate Addition of Organozinc Reagents



- 1160 Compiled by
R. Sharma

Chloroacetonitrile

- 1162 Compiled by
A. Zdzienicka

2-Cyanoacetamide

Author Index

- Aigret, B. M. 1097
Akrawi, O. A. 1121
Azimi, S. 1113

Baishya, G. 1137
Bujaranipalli, S. 1117

Damodaran, K. 1093
Das, S. 1117
De Borggraeve, W. M. 1097
Dintzner, M. R. 1091
Dumeunier, R. 1150

Eggert, U. 1105
Endo, K. 1155
Eppa, G. C. 1117

Florio, S. 1061

Gaich, T. 1025
Godoi, B. 1125
Göttlich, R. 1109
Grée, R. 1142
- Gritsch, P. J. 1025
Harms, K. 1101
Hartmann, O. 1105
Hazarika, N. 1137
Hilt, G. 1101

Ide, K. 1133
Jacobs, J. 1097
Kalesse, M. 1105
Khavasi, H. R. 1086
Khosropour, A. R. 1086
Lamberth, C. 1150
Landsberg, D. 1105
Langer, P. 1121
Lei, X. 1032
Li, H. 1032
Luebke, D. 1093

Menezes, P. H. 1125
- Mirkhani, V. 1086
Moghadam, M. 1086
Mohammadpoor-Baltork, I. 1086
Mohammed, H. H. 1121
Moosavi-Zare, A. R. 1113
Mori, A. 1133
Mosset, P. 1142

Nüllen, M. P. 1109
Nulwala, H. 1093

Okamoto, S. 1044

Pinto, D. C. G. A. 1147
Pünner, F. 1101

Röse, P. 1101

Safaei, S. 1086
Sarmah, B. 1137
Schwarzer, D. D. 1025
Sharma, R. 1160
- Shibata, T. 1155
Shono, K. 1133
Silva, A. M. S. 1147
Sperança, A. 1125
Sugie, A. 1133
Sugiyama, Y.-k. 1044

Takayama, R. 1155
Talhi, O. 1147
Tamba, S. 1133
Tangestaninejad, S. 1086
Thompson, R. L. 1093
Trah, S. 1150

Vahedi, H. 1113
Van Meervelt, L. 1097

Wang, X. 1032

Zdzenicka, A. 1162
Zeni, G. 1125
Zolfigol, M. A. 1113