

RU
S98/02

SYNLETT

Accounts and Rapid Communications in Synthetic Organic Chemistry

Synfacts

U. Hennecke, M. Wilking

Desymmetrization as a Strategy in
Asymmetric Halocyclization Reactions

R. J. Trovitch

Comparing Well-Defined Manganese,
Iron, Cobalt, and Nickel Ketone Hydro-
silylation Catalysts

Accounts

M. Flores, D. Díez

2,8-Dihydroxy-2,8-dimethyl-3-octane Ri-
ngs: Natural Occurrence, Synth

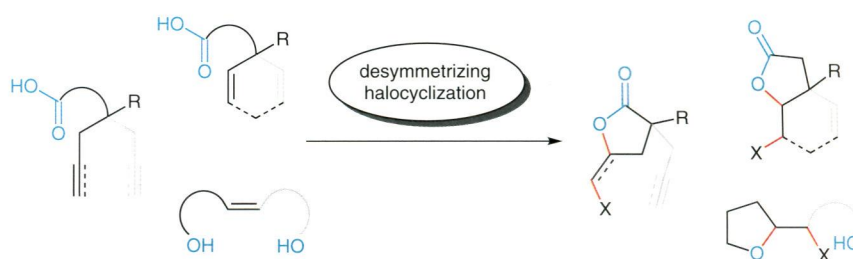
T. Kojima, S. Ohzu, T. Kojima

Oxidation of Organic Substrates
with Ru^{IV}=O Complexes Formed by
Proton-Coupled Electron Transfer

2014 • Vol. 25, 1633–1794

1633 U. Hennecke*
M. Wilking

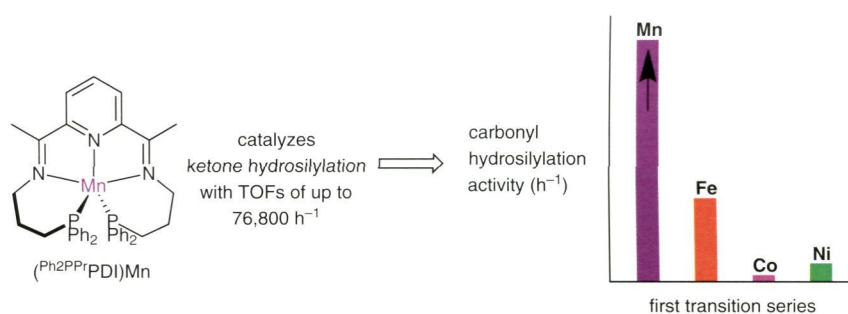
Desymmetrization as a Strategy in Asymmetric Halocyclization Reactions



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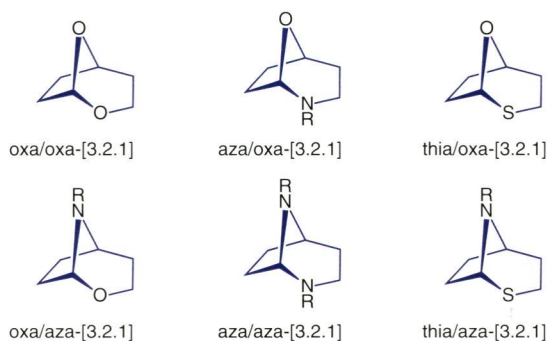
1638 R. J. Trovitch*

Comparing Well-Defined Manganese, Iron, Cobalt, and Nickel Ketone Hydrosilylation Catalysts



1643 M. F. Flores
D. Díez*

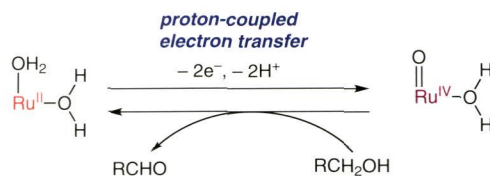
2,8-Diheterobicyclo[3.2.1]octane Ring Systems: Natural Occurrence, Synthesis and Properties



Accounts

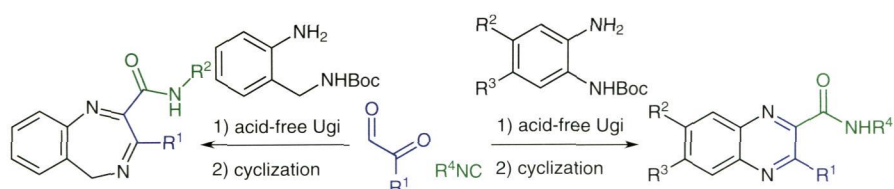
- 1667 T. Ishizuka
S. Ohzu
T. Kojima*

Oxidation of Organic Substrates with Ru^{IV}=O Complexes Formed by Proton-Coupled Electron Transfer



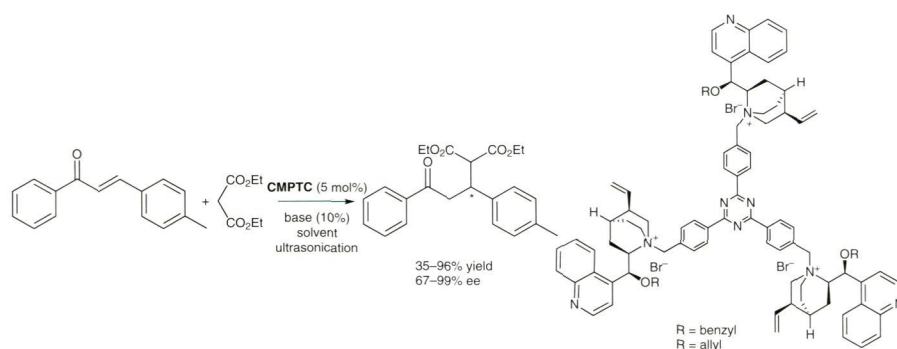
- 1680 M. Ayaz
G. Martinez-Ariza
C. Hulme*

A Robust Protocol for the Synthesis of Quinoxalines and 5*H*-Benzo[*e*][1,4]diazepines via the Acidless Ugi Reaction



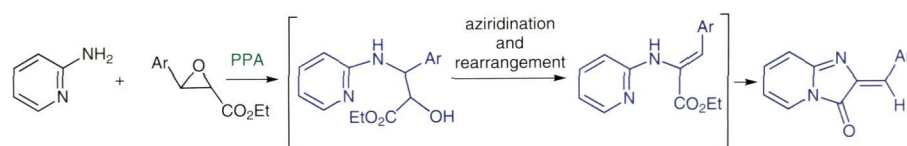
- 1685 S. Jayaraman
D. Kumaraguru
J. B. Arockiam
S. Paulpandian
B. Rajendiran
A. Siva*

Highly Enantioselective Asymmetric Michael Addition Reactions with New Chiral Multisite Phase-Transfer Catalysts



- 1692 S. K. Guchhait*
G. Priyadarshani
N. Hura

α,β -Epoxy Esters in Multiple C–O/C–N Bond-Breaking/Formation with 2-Aminopyridines; Synthesis of Biologically Relevant (*Z*)-2-Methyleneimidazo[1,2-*a*]pyridin-3-ones



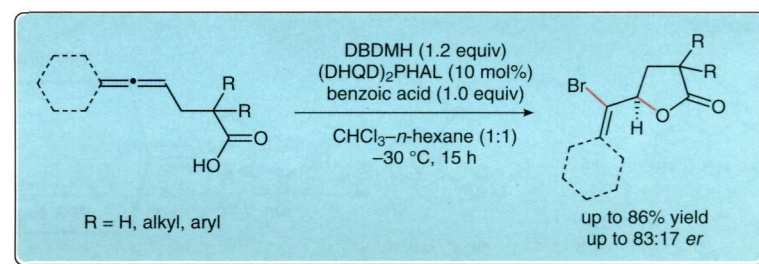
- 1697 S. Hirner
J. Westmeier
S. Gebhardt
C. H. Müller
P. von Zezschwitz*

Convenient Access to Cycloalk-2-enone-Derived *N*-Sulfonyl Imines



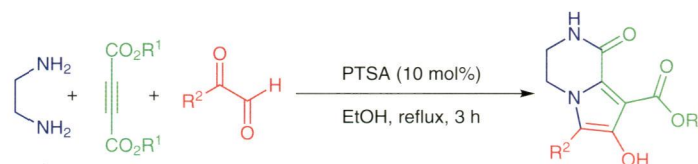
- 1701 M. Wilking
C. G. Daniliuc
U. Hennecke*

Asymmetric, Organocatalytic Bromolactonization of Allenic Acids



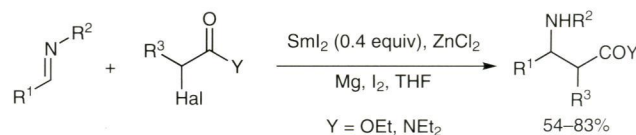
- 1705 A. Alizadeh*
M. Hossein Abadi
R. Ghanbaripour

An Efficient Approach to the Synthesis of Alkyl 7-Hydroxy-1-oxo-1,2,3,4-tetrahydropyrrolo[1,2-*a*]pyrazine-8-carboxylates via a One-Pot, Three-Component Reaction

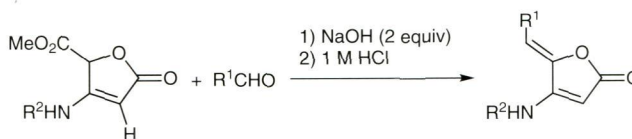


- 1709 H. Rodríguez-Solla*
A. Díaz-Pardo
C. Concellón
V. del Amo

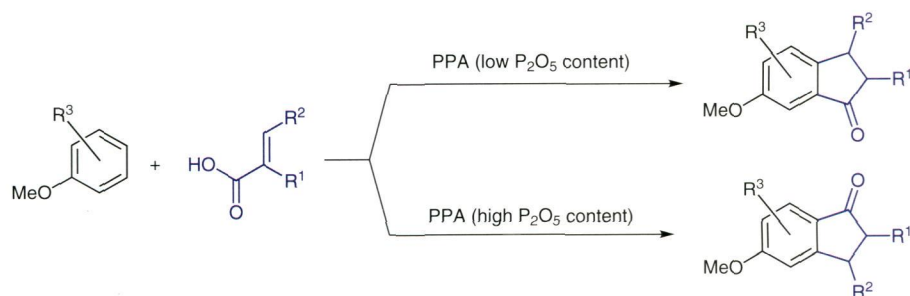
Aza-Reformatsky Reaction Promoted by Catalytic Samarium Diodide: Synthesis of β -Amino Esters or Amides



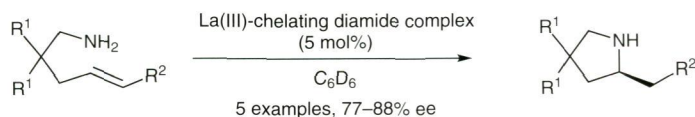
1713

A. Ear
V. Toum
S. Thorimbert
L. Dechoux***Decarboxylative Knoevenagel-Type Reactions on Tetronamides: Synthesis of 5-Ylidene-4-Amino-2(5H)-Furanones**

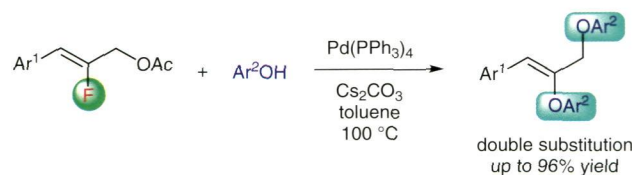
1717

T. van Leeuwen
T. M. Neubauer
B. L. Feringa***Regioselective Synthesis of Indanones**

1721

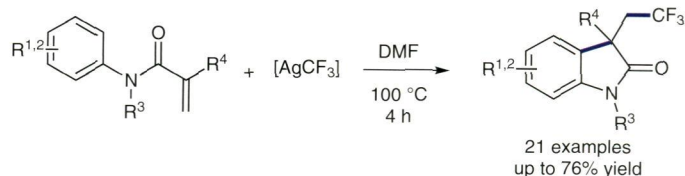
K. Huynh
T. Livinghouse*
H. M. Lovick***N,N'*-Dibenzosuberyl-1,1'-Binaphthyl-2,2'-diamine: A Highly Effective Supporting Ligand for the Enantioselective Cyclization of Aminoalkenes Catalyzed by Chelating Diamide Complexes of La(III) and Y(III)**

1725

E. Nomada
H. Watanabe
M. Yamamoto
T. Udagawa
B. Zhou
A. Kobayashi
M. Minakawa
M. Kawatsura***Palladium-Catalyzed Double Substitution of 3-Aryl-2-fluoroallyl Acetates with Phenols via C-F Bond Activation**

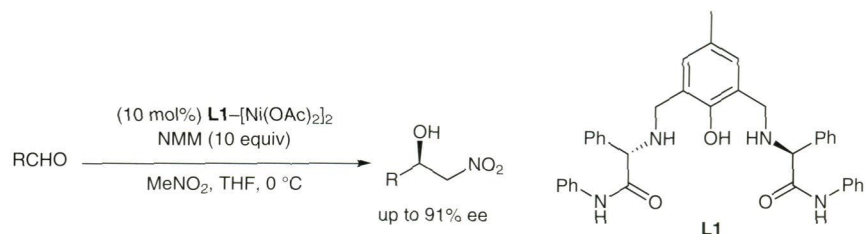
1731 Y.-F. Wang
J. Qiu
D. Kong
F.-X. Chen*

Silver-Mediated Radical Trifluoromethylarylation of Activated Alkenes for the Synthesis of Oxindoles Bearing a CF₃ Group



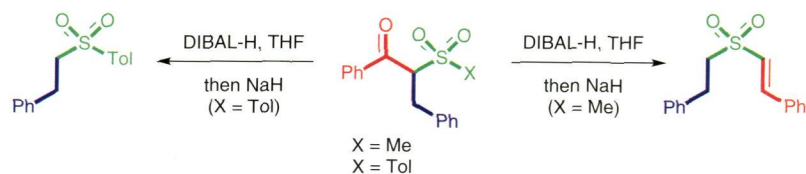
1735 Y. Liu
P. Deng
X. Li
Y. Xiong
H. Zhou*

Asymmetric Henry Reaction Catalyzed by a Chiral Dinuclear Nickel Complex



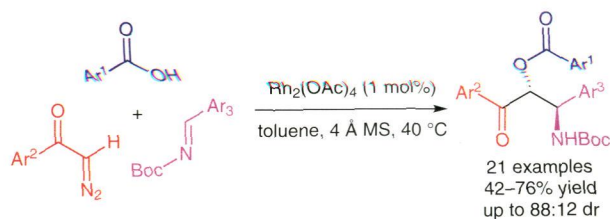
1739 M.-Y. Chang*
Y.-C. Chen
C.-K. Chan

Synthesis of Arylethyl (*E*)-Styrylsulfones and Arylsulfones by One-Pot DIBAL-H/NaH-Mediated Reaction of β -Ketosulfones

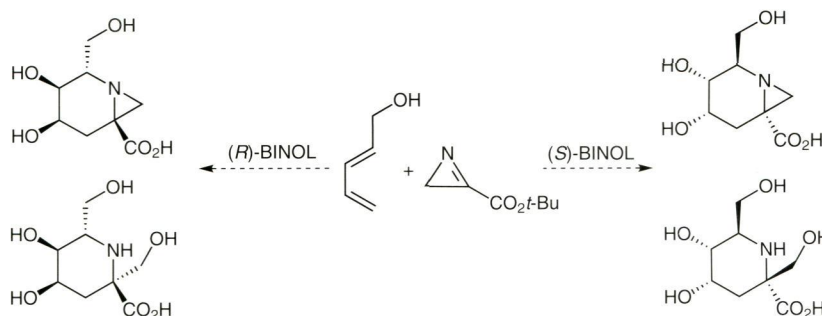


1745 C. Zhai
D. Xing*
Y. Qian
J. Ji
C. Ma
W. Hu*

Trapping of Carboxylic Oxonium Ylides with *N*-Boc Imines for the Facile Synthesis of β -Amino Alcohol Derivatives

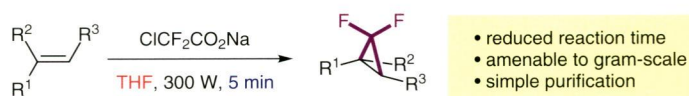


- 1751** V. C. M. Duarte
M. J. Alves*
A. Gil Fortes
- Enantioselective Diels–Alder Cycloadditions in the Synthesis of Two Enantiomeric Sets of Chiral Polyhydroxylated Piperolic Acid Derivatives**



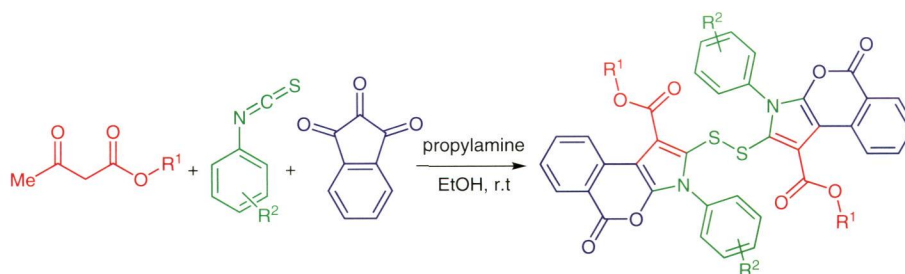
- 1756** D. M. Gill
N. McLay
M. J. Waring
C. T. Wilkinson
J. B. Sweeney*

An Improved Method for Difluorocyclopropanation of Alkenes



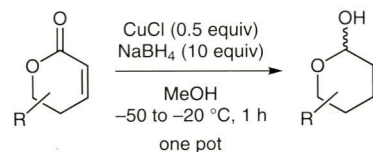
- 1759** A. Alizadeh*
F. Bayat
L.-G. Zhu

Regioselective One-Pot Synthesis of Isochromenopyrroles Containing a Disulfide Bond



- 1764** Y. Matsumoto*
M. Yonaga

One-Pot Sequential 1,4- and 1,2-Reductions of α,β -Unsaturated δ -Lactones to the Corresponding δ -Lactols with CuCl and NaBH₄ in Methanol



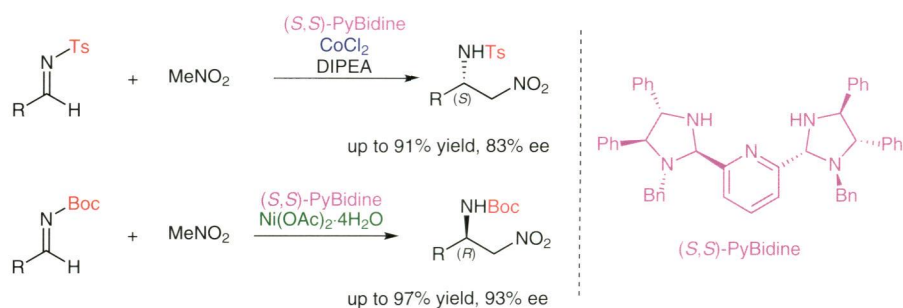
- 1769 T. Maibunkaew
C. Thongsornkleeb*
J. Tummatorn
A. Bunrit
S. Ruchirawat

Practical and Metal-Free Electrophilic Aromatic Halogenation by Interhalogen Compounds Generated In Situ from *N*-Halosuccinimide and Catalytic TMSCl



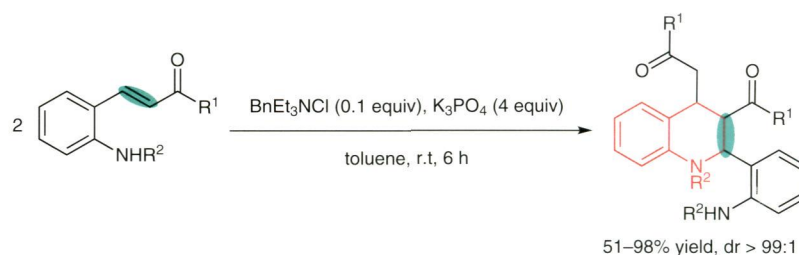
- 1776 T. Arai*
E. Matsumura

Switching Enantioface Selection in the Asymmetric Nitro-Mannich Reaction Using Single Chiral Bis(imidazolidine)pyridine–Metal Catalysts



- 1781 L. Zhang
Y. Li
Y. Yuan
B. Zhang
Y. Gao
Y. Wu*
L. Song*

Synthesis of Multisubstituted Tetrahydroquinolines through Aza-Michael/Michael Addition Catalyzed by Quaternary Ammonium Salt



- 1786 X. Hu
H. Li
J. Yang
Z. Li*

Monohydrocyanation of Symmetrical Azines Using Potassium Hexacyanoferrate(II) as an Environmentally Friendly Cyanide Source



1791 E. Chirkin ***N*-Mesityl-Substituted Triazolium Salts**

1793 H. K. Kadam **Molybdenum(VI) Dichloride Dioxide**

XV **Forthcoming Articles**