

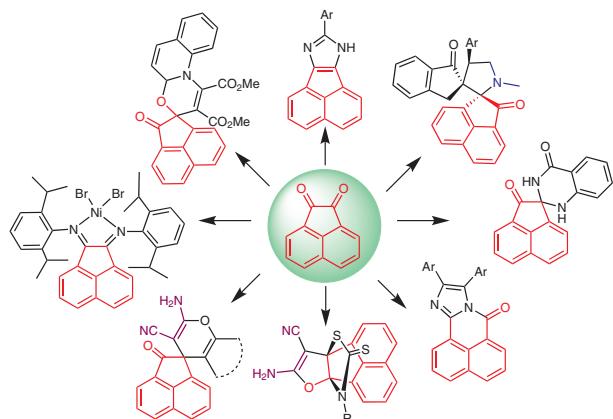
Synthesis

Synthesis 2018, 50, 3947–3973
DOI: 10.1055/s-0037-1610209

I. Yavari*
A. Khajeh-Khezri
Tarbiat Modares University, Iran

Recent Advances in the Synthesis of Hetero- and Carbocyclic Compounds and Complexes Based on Acenaphthylene-1,2-dione

Review
3947



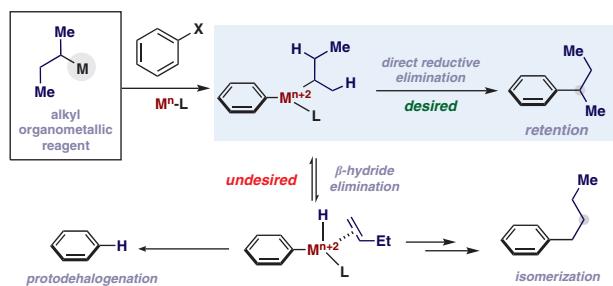
Synthesis

Synthesis 2018, 50, 3974–3996
DOI: 10.1055/s-0037-1609941

M. O'Neill
J. Cornella*
Max-Planck-Institut für Kohlenforschung, Germany

Retaining Alkyl Nucleophile Regiofidelity in Transition-Metal-Mediated Cross-Couplings to Aryl Electrophiles

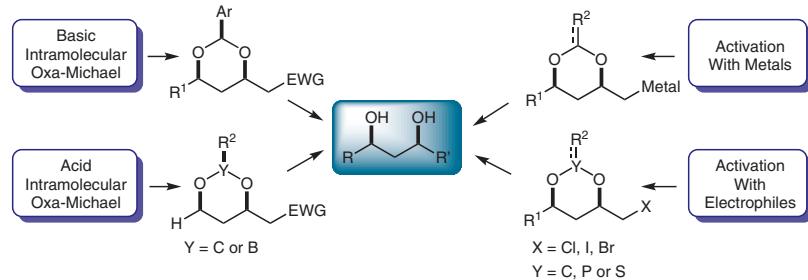
Review
3974



Synthesis 2018, 50, 3997–4007
DOI: 10.1055/s-0037-1610248

D. Gamba-Sánchez
J. Prunet

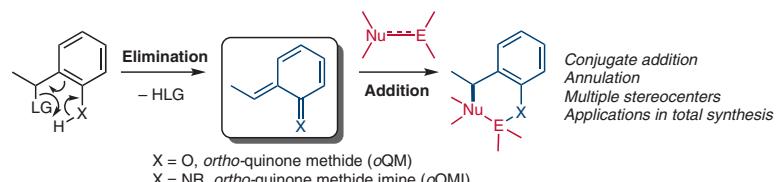
Universidad de los Andes,
Colombia
University of Glasgow, UK



Synthesis 2018, 50, 4008–4018
DOI: 10.1055/s-0037-1610241

C. D.-T. Nielsen
H. Abas

A. C. Spivey*
Imperial College London, UK

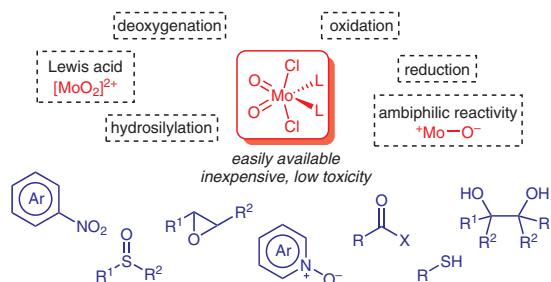


Synthesis 2018, 50, 4019–4036
DOI: 10.1055/s-0037-1610236

R. Hernández-Ruiz

R. Sanz*

Universidad de Burgos, Spain



Synthesis

Synthesis 2018, 50, 4037–4046
DOI: 10.1055/s-0037-1609945

C. Moreno-Yruela

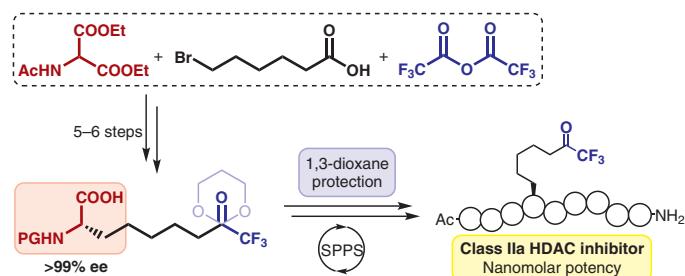
C. A. Olsen*

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Denmark

Synthesis of Trifluoromethyl Ketone Containing Amino Acid Building Blocks for the Preparation of Peptide-Based Histone Deacetylase (HDAC) Inhibitors

Feature

4037

**Synthesis**

Synthesis 2018, 50, 4047–4054
DOI: 10.1055/s-0037-1610268

L. Roiser

K. Zielke

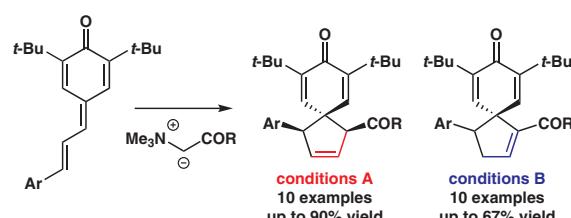
M. Waser*

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Formal (4+1) Cyclization of Ammonium Ylides with Vinylogous *para*-Quinone Methides

Feature

4047

**Synthesis**

Synthesis 2018, 50, 4055–4062
DOI: 10.1055/s-0037-1609548

Paper

4055

Cs_2CO_3 -Promoted C-3 Alkylation of 4-[(2,2-Difluoroethyl)amino]-5,5-disubstituted Furan-2(5*H*)-ones with Heteroarylmethyl Chlorides

Z. Yu

L. Xinlei

W. Weiwei

G. Rui

M. Wang*

China Agricultural University,
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Synthesis

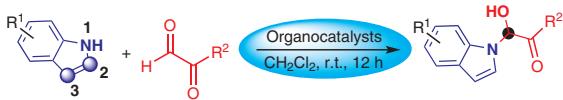
Synthesis 2018, 50, 4063–4070
DOI: 10.1055/s-0037-1610453

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Direct Preparation of Indole Hemiaminals through Organocatalytic Nucleophilic Addition of Indole to Aldehydes**Paper**

4063



R¹ = alkyl, halogen, cyanide * yields up to 92%
R² = OEt, aryl * readily available catalysts
* applicable in enantioselective fashion

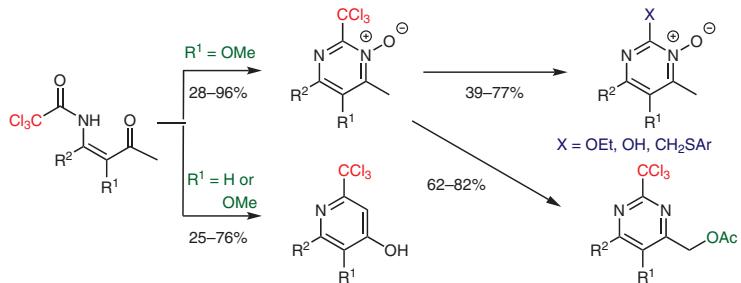
Synthesis

Synthesis 2018, 50, 4071–4080
DOI: 10.1055/s-0037-1609576

L. Unger
M. Accorsi
C. Eidamshaus
D. Reich
R. Zimmer*
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Preparation and Reactions of Trichloromethyl-Substituted Pyridine and Pyrimidine Derivatives**Paper**

4071

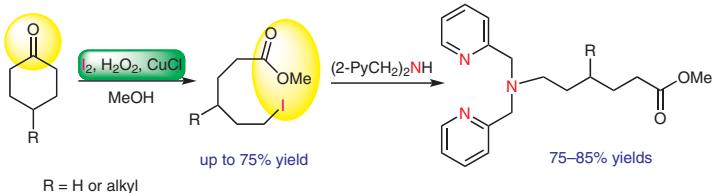
**Synthesis**

Synthesis 2018, 50, 4081–4088
DOI: 10.1055/s-0036-1591598

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Expedient Synthesis of Long-Chain ω -Substituted Fatty Acids and Esters from Cyclic Ketones Using Iodine and Hydrogen Peroxide**Paper**

4081



R = H or alkyl

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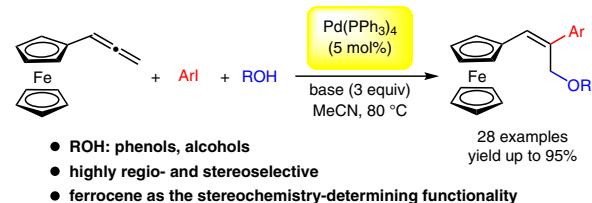
X.-X. Wu

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X. Peng

J. Han

W. He

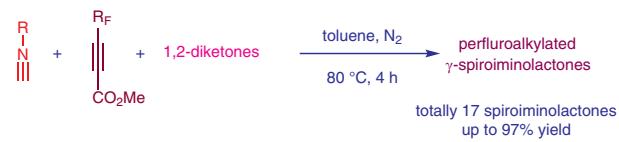
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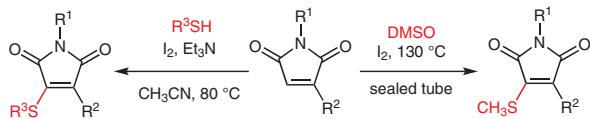
H.-R. Tan

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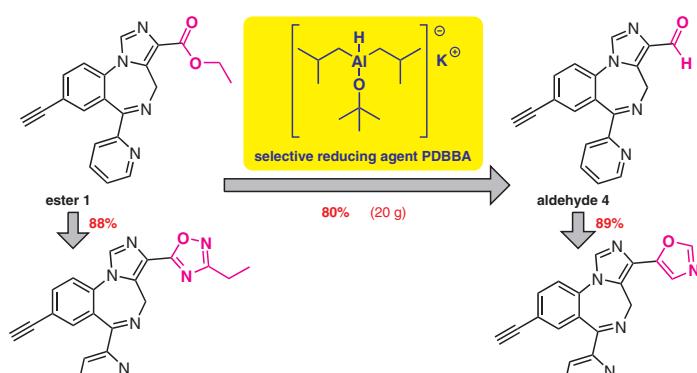
L. K. Golani

R. Jahan

F. Rashid

J. M. Cook*

University of Wisconsin-Milwaukee, USA



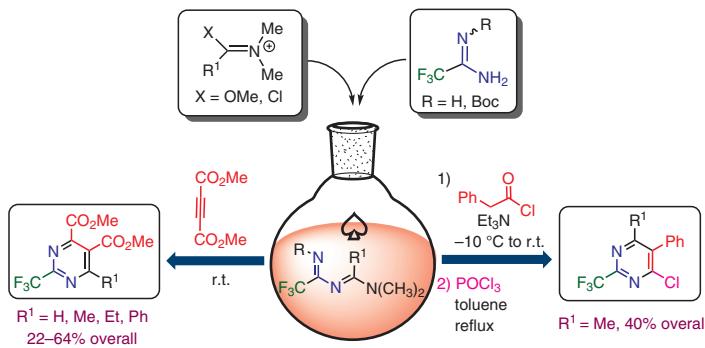
I. Medina-Mercado

I. Zaragoza-Galicia

H. F. Olivo

M. Romero-Ortega*

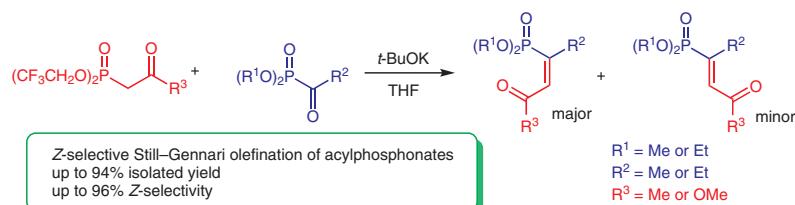
Departamento de Química do de México, México



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P. Kielbasiński

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R^1 = Me or Et
 R^2 = Me or Et
 R^3 = Me or OMe