

Synthesis

Synthesis 2020, 52, 2731–2760
DOI: 10.1055/s-0040-1707123

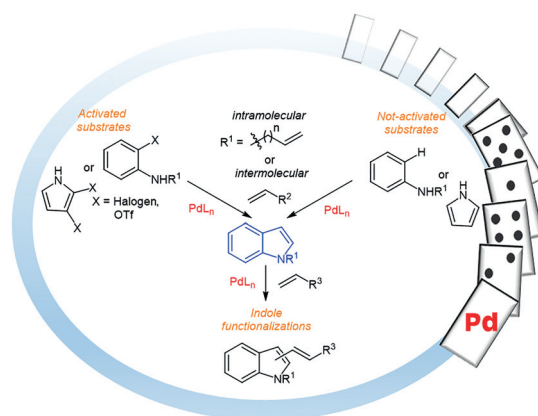
M. S. Christodoulou
E. M. Beccalli*
F. Foschi
S. Giofrè

Università degli Studi di Milano,
Italy

Pd-Catalyzed Domino Reactions Involving Alkenes To Access Substituted Indole Derivatives

Review

2731



Synthesis

Synthesis 2020, 52, 2761–2780
DOI: 10.1055/s-0040-1707159

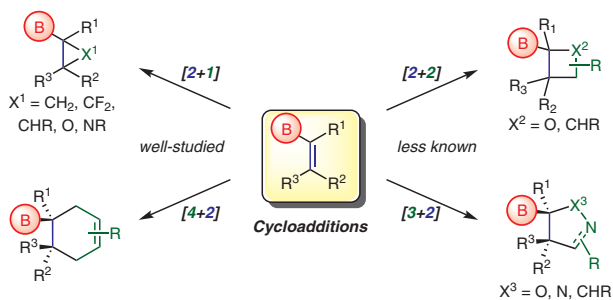
O. O. Grygorenko*
V. S. Moskvina
O. V. Hryshchuk
A. V. Tymtsunik

Enamine Ltd., Ukraine
V. P. Kukhar Institute of Bioorganic
Chemistry and Petrochem-
istry, Ukraine

Cycloadditions of Alkenylboronic Derivatives

Short Review

2761



Synthesis

Synthesis 2020, 52, 2781–2794
DOI: 10.1055/s-0040-1707154

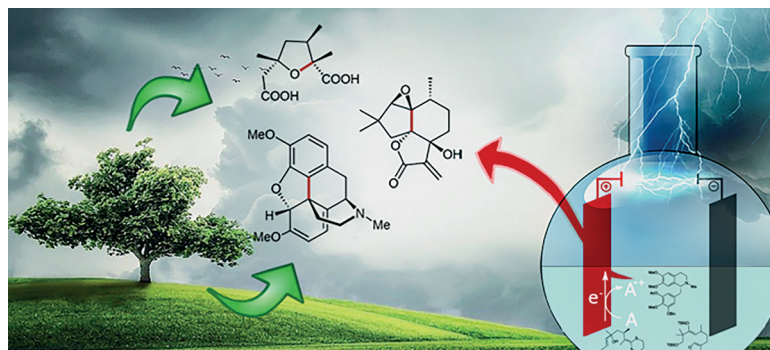
L. Geske
E. Sato
T. Opatz*

Johannes Gutenberg-Universität,
Germany

Anodic Oxidation as an Enabling Tool for the Synthesis of Natural Products

Short Review

2781



Synthesis

Synthesis 2020, 52, 2795–2806
DOI: 10.1055/s-0040-1707890

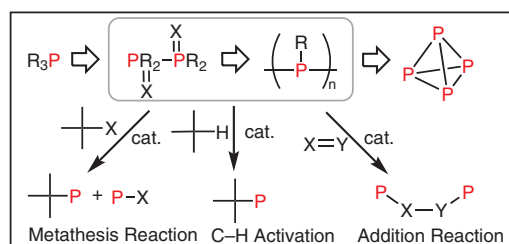
M. Arisawa*

Tohoku University, Japan

Transition-Metal-Catalyzed Synthesis of Organophosphorus Compounds Involving P–P Bond Cleavage

Short Review

2795



Synthesis

Synthesis 2020, 52, 2807–2820
DOI: 10.1055/s-0040-1707885

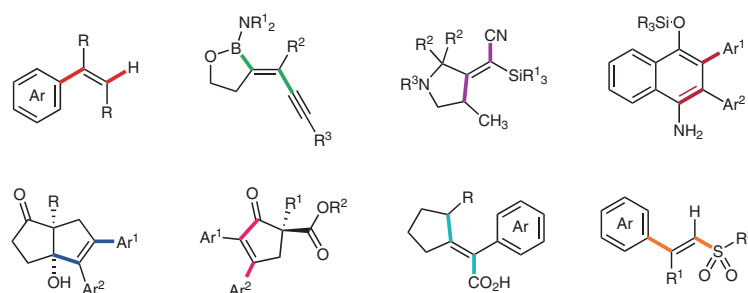
S. E. Bottcher
L. E. Hutchinson
D. J. Wilger*

Samford University, USA

Nickel-Catalyzed *anti*-Selective Alkyne Functionalization Reactions

Short Review

2807



Synthesis

Synthesis 2020, 52, 2821–2827
DOI: 10.1055/s-0040-1707179

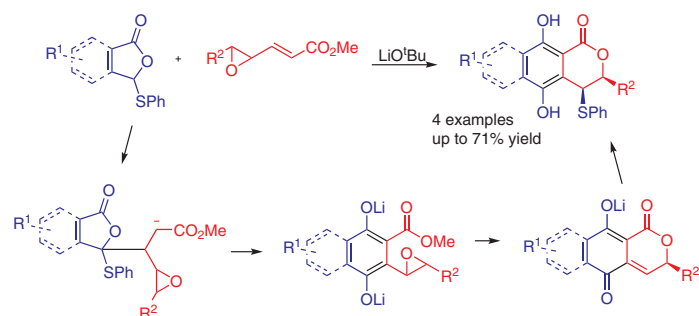
S. Wang
G. A. Kraus*

Iowa State University, USA

Annulations with Butenolides and Phthalides: New Entries to Isocoumarins, 3,4-Dihydroisocoumarins, and Benzofurans

Feature

2821



Synthesis

Synthesis 2020, 52, 2828–2832
DOI: 10.1055/s-0040-1707399

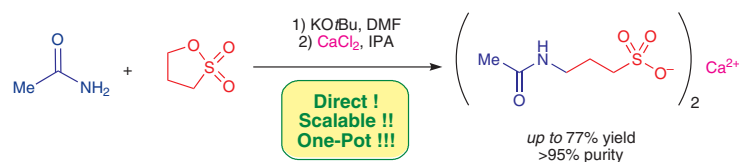
C. Cavarischia
A. Comely
M. Ćija
T. Iacangeli
M. Pastó
L. Silvestri
G. Furlotti*

ANGELINI PHARMA S.p.A., Italy

A Convenient, Scalable Process for the Preparation and Purification of Calcium Acamprostate

PSP

2828



Synthesis

Synthesis 2020, 52, 2833–2840
DOI: 10.1055/s-0040-1707166

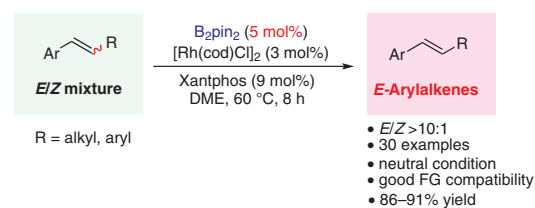
H. Yang
W. Dong
W. Wang
T. Li*
W. Zhao*

Hunan University, P. R. of China

Stereoselective Rhodium-Catalyzed Isomerization of Stereoisomeric Mixtures of Arylalkenes

Paper

2833



Synthesis

Synthesis 2020, 52, 2841–2856
DOI: 10.1055/s-0040-1707865

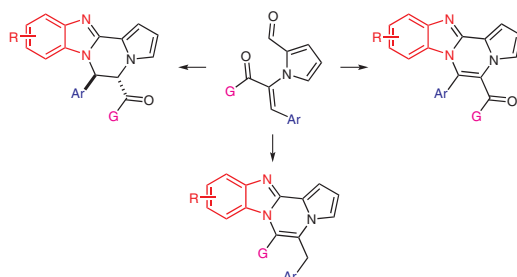
A. Dagar
D. R. Joshi
I. Kim*

Yonsei University,
Republic of Korea

Solvent-Controlled Divergent Syntheses of Polycyclic *N*-Fused Heteroaromatics

Paper

2841



- solvent-dependent divergent approaches to *N*-fused polycyclic heteroaromatics
- formation of multiple bonds via domino sequence in a one-pot mode
- several examples, yields up to 95%

Synthesis

Synthesis 2020, 52, 2857–2869
DOI: 10.1055/s-0040-1707405

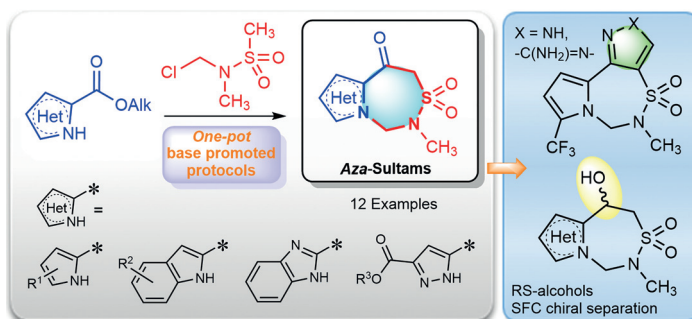
V. Y. Hys
D. S. Milokhov*
O. B. Volovenko
I. S. Konovalova
S. V. Shishkina
Y. M. Volovenko

Taras Shevchenko National University of Kyiv, Ukraine

Synthetic Approach to Fused Azasultams with 1,2,4-Thiadiazepine Framework

Paper

2857



Synthesis

Synthesis 2020, 52, 2870–2882
DOI: 10.1055/s-0040-1707854

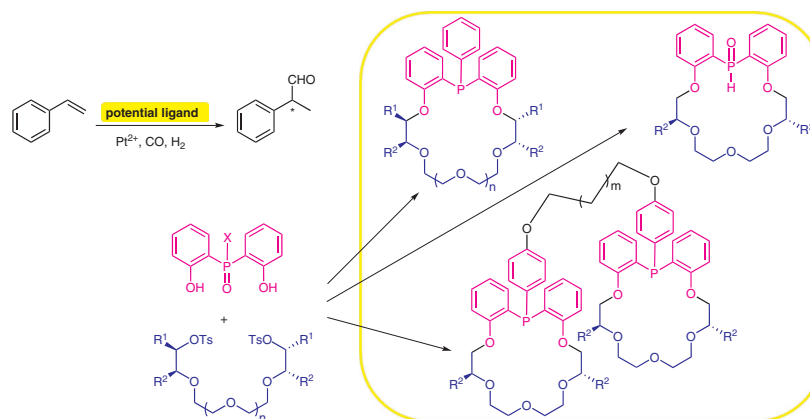
H. Szabó-Szentjóni
I. Majoros
A. Márton
I. Leveles
B. G. Vértessy
M. Dékány
T. Tóth
P. Huszthy*

Budapest University of Technology and Economics, Hungary

Synthesis of New Chiral Crown Ethers Containing Phosphine or Secondary Phosphine Oxide Units

Paper

2870



Synthesis

Synthesis 2020, 52, 2883–2891
DOI: 10.1055/s-0040-1707882

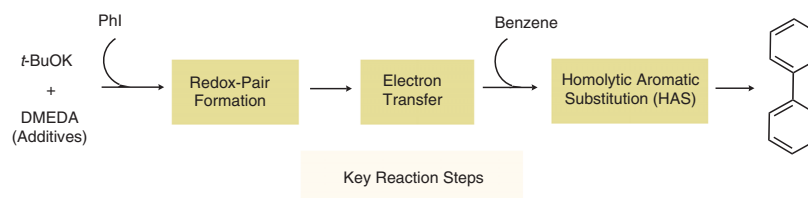
M. Patil*

University of Mumbai, India

Mechanism of the *t*-BuOM (M = K, Na, Li)/DMEDA-Mediated Direct C–H Arylation of Benzene: A Computational Study

Paper

2883



Synthesis

Synthesis 2020, 52, 2892–2898
DOI: 10.1055/s-0040-1707173

R. Bucci

F. Clerici

S. Pellegrino*

E. Erba*

Università degli Studi di Milano,
Italy

Diastereoselective Synthesis of Pyrazolines by Metal-Free Rearrangement of Bicyclic Triazolines

Paper

2892

