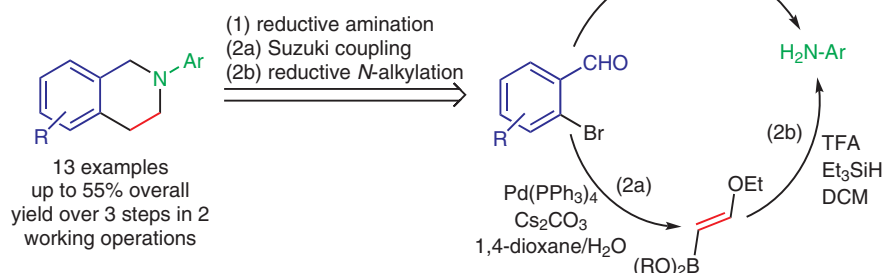


Synthesis

Reviews and Full Papers in Chemical Synthesis

June 2, 2021 • Vol. 53, 1849–2014



A Short Approach to *N*-Aryl-1,2,3,4-tetrahydroisoquinolines from *N*-(2-Bromobenzyl)anilines via a Reductive Amination/Palladium-Catalyzed Ethoxyvinylation/Reductive *N*-Alkylation Sequence

C. Glas, R. Wirawan, F. Bracher

11

Synthesis

Recent Developments Towards Synthesis of (Het)arylbenzimidazoles

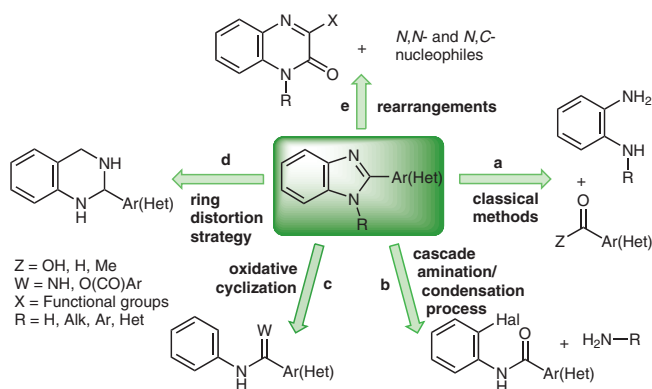
Review

Synthesis 2021, 53, 1849–1878
DOI: 10.1055/s-0037-1610767

V. A. Mamedov*
N. A. Zhukova

A.E. Arbusov Institute of Organic
and Physical Chemistry,
Russian Federation

1849



Synthesis

Homogeneous Catalyzed Aryl–Aryl Cross-Couplings in Flow

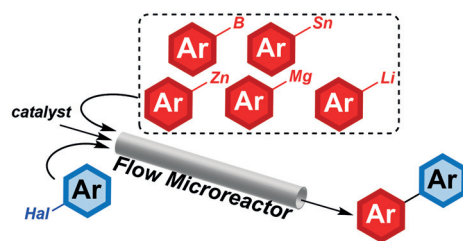
Short Review

Synthesis 2021, 53, 1879–1888
DOI: 10.1055/a-1360-7798

Y. Ashikari
A. Nagaki*

Kyoto University, Japan

1879



Synthesis

Synthesis 2021, 53, 1889–1900
DOI: 10.1055/s-0040-1706024

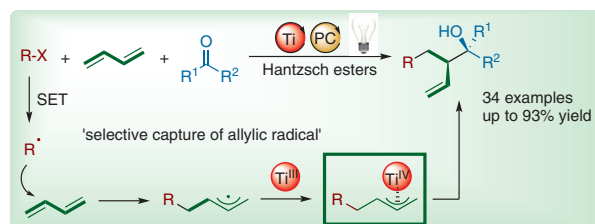
F. Li
S. Lin
X. Li
L. Shi*

Dalian University of Technology,
P. R. of China
Henan Normal University,
P. R. of China

Photocatalytic Generation of π -Allyltitanium Complexes from Butadiene via a Radical Strategy

Feature

1889



Synthesis

Synthesis 2021, 53, 1901–1910
DOI: 10.1055/s-0040-1477-4630

F. Zhao
T. Singh
Y. Xiao
W. Su
D. Yang
C. Jia
J.-Q. Li*
Z. Qin*

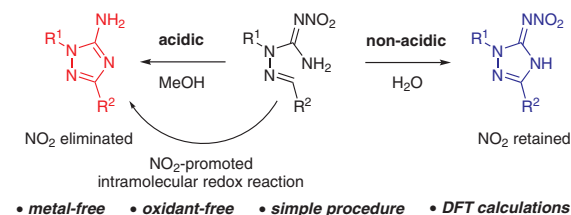
China Agricultural University,
P. R. of China

Divergent Synthesis of Substituted Amino-1,2,4-triazole Derivatives

Paper

1901

divergent access to amino-1,2,4-triazoles and nitroimino-1,2,4-triazoles



Synthesis

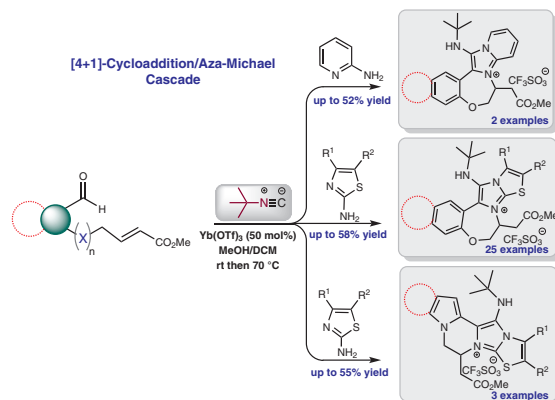
Synthesis 2021, 53, 1911–1922
DOI: 10.1055/s-0040-1706006

V. Srinivasulu
F. Al-Marzooq
M. Hamad
M. A. Khanfar
M. Ramanathan
N. C. Soares
T. H. Al-Tel*
University of Sharjah, UAE

Sequencing Groebke–Blackburn–Bienaymé and Aza-Michael Addition Reactions: A Modular Strategy for Accessing a Diverse Collection of Constrained Benzoxazepine and Imidazopyrazine Systems

Paper

1911



Synthesis

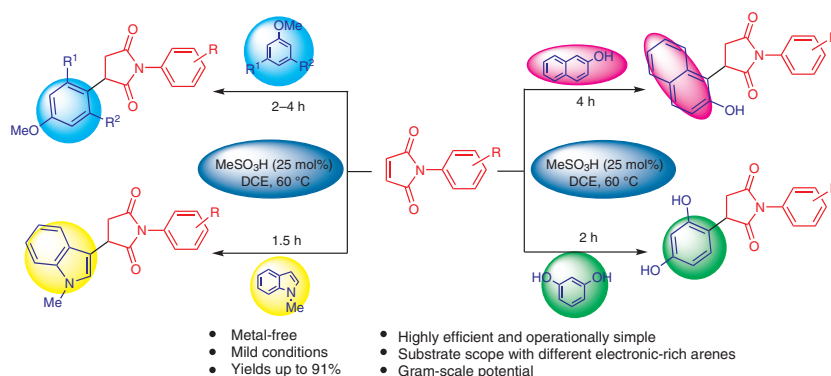
Synthesis 2021, 53, 1923–1930
DOI: 10.1055/s-0040-1706008

D. Gairola

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Roorkee, India

Methanesulfonic Acid Catalyzed Friedel–Crafts Reaction of Electron-Rich Arenes with *N*-Arylmaleimides: A Highly Efficient Metal-Free Route To Access 3-Arylsuccinimides



Synthesis

Synthesis 2021, 53, 1931–1942
DOI: 10.1055/a-1348-4242

S. Kotha*

S. Pulletikurti

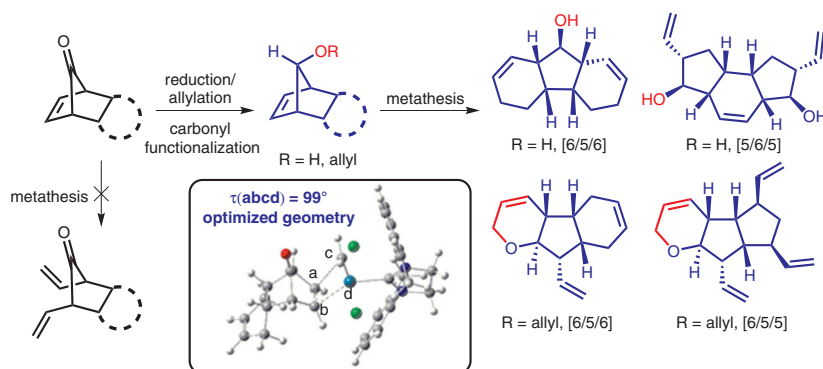
A. Fatma

G. Dhargar

G. S. Naidu

Indian Institute of Technology
Bombay, India

Synthesis of Polycycles and Oxacycles via Tandem Metathesis of *endo*-Norborene Derivatives



Synthesis

Synthesis 2021, 53, 1943–1954
DOI: 10.1055/s-0040-1706002

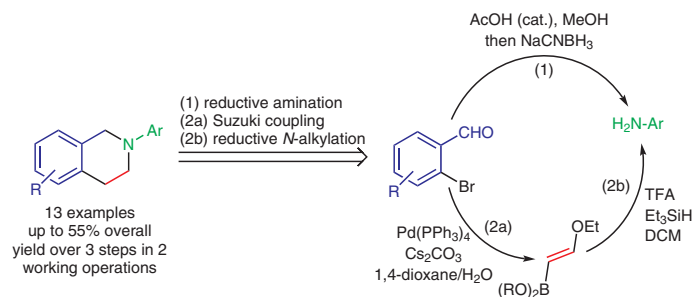
C. Glas

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A Short Approach to *N*-Aryl-1,2,3,4-tetrahydroisoquinolines from *N*-(2-Bromobenzyl)anilines via a Reductive Amination/Palladium-Catalyzed Ethoxyvinylation/Reductive *N*-Alkylation Sequence



Synthesis

Simple Synthesis of Substituted 3-Hydroxyfuran-2(5H)-ones

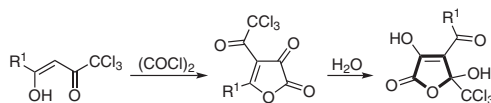
Paper

1955

Synthesis 2021, 53, 1955–1961
DOI: 10.1055/s-0040-1705998

N. Yu. Lisovenko*
E. R. Nasibullina
S. S. Kharitonova
O. A. Myshkina

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Synthesis

A Magnetically Recyclable Palladium-Catalyzed Formylation of Aryl Iodides with Formic Acid as CO Source: A Practical Access to Aromatic Aldehydes

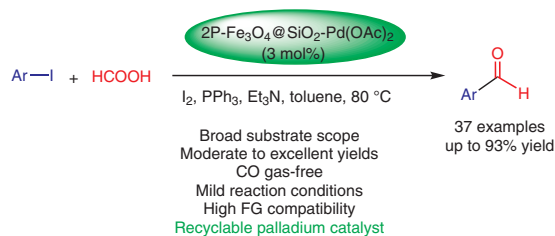
Paper

1962

Synthesis 2021, 53, 1962–1970
DOI: 10.1055/s-0040-1706621

S. You
R. Zhang
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P. R. of China



Synthesis

Synthesis of New Dialkyl 2,2'-[Caronylbis(azanediy)]dibenzoates via Curtius Rearrangement

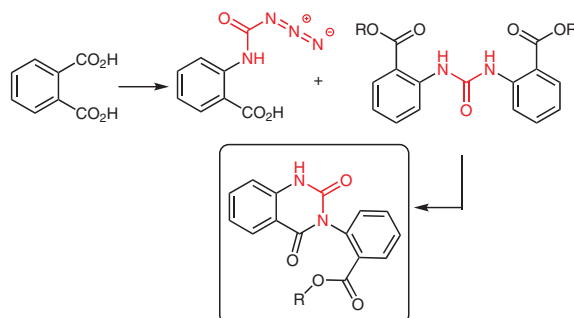
Paper

1971

Synthesis 2021, 53, 1971–1979
DOI: 10.1055/s-0040-1706643

H. Yassine
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Synthesis

Synthesis 2021, 53, 1980–1988
DOI: 10.1055/s-0040-1706642

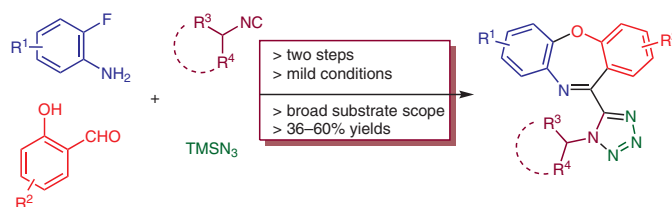
Q. Zheng
A. Boltjes
A. Dömling*

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An Ugi Reaction/Intramolecular Cyclization/Oxidation Cascade towards Tetrazole-Linked Dibenzoxazepines

Paper

1980



Synthesis

Synthesis 2021, 53, 1989–1999
DOI: 10.1055/s-0040-1706658

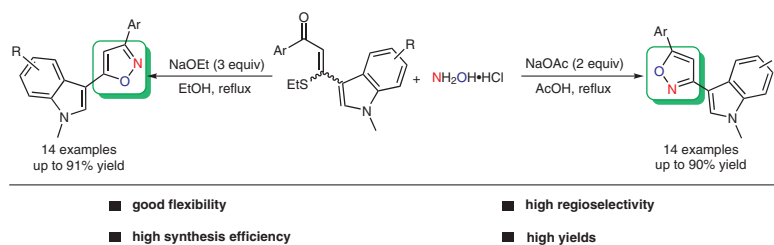
H. Yu*
K. Wang
X. Zhang
W. Wang*

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Complementary and Regioselective Synthesis of Isomeric 3-[Isoxazol-3(or 5)-yl]indoles from β -Ethylthio- β -indolyl- α,β -unsaturated Ketones

Paper

1989



Synthesis

Synthesis 2021, 53, 2000–2006
DOI: 10.1055/s-0040-1705990

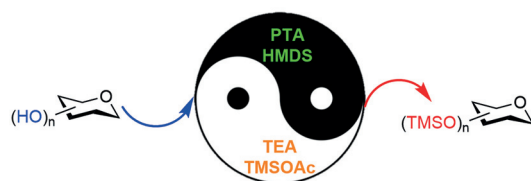
J.-S. Chen
Y.-F. Ke
H.-Y. Lin
W. Lin
W.-C. Yen
H.-R. Wu
S.-Y. Luo*

National Chung Hsing University,
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Development of a Novel Method for Trimethylsilylation of Saccharides

Paper

2000



Synthesis 2021, 53, 2007–2014
DOI: 10.1055/s-0040-1705992

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