

Synlett

Synlett 2018, 29, 2595–2600
DOI: 10.1055/s-0037-1610266

W.-T. Zhao
F. Gao
D. Zhao*

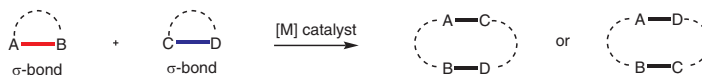
Nankai University, P. R. of China

Recent Progress in σ -Bond Cross-Exchange Reactions to Access Diverse Silacycles

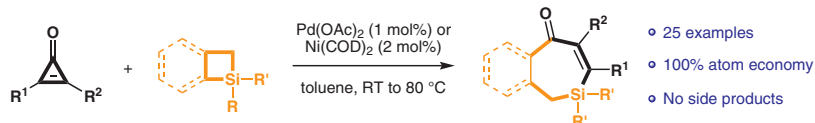
Synfacts

2595

a) The concept on the reaction of two different nonpolar σ -bonds



b) The first intermolecular σ -bond cross exchange between C–C bond of cyclopropanones and C–Si bond of (benzo)silacyclobutanes



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Synlett 2018, 29, 2601–2607
DOI: 10.1055/s-0037-1610256

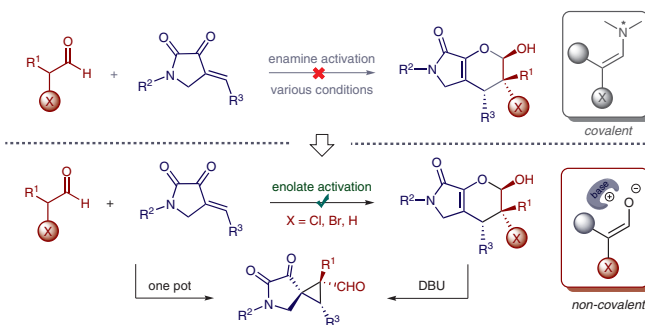
Q.-Z. Li
Y. Liu
H.-J. Leng
J.-L. Li*

Chengdu University, P. R. of
China

Asymmetric Construction of Halogenated Cyclic Quaternary Carbon Center through Enolate Activation of Aldehydes

Synfacts

2601



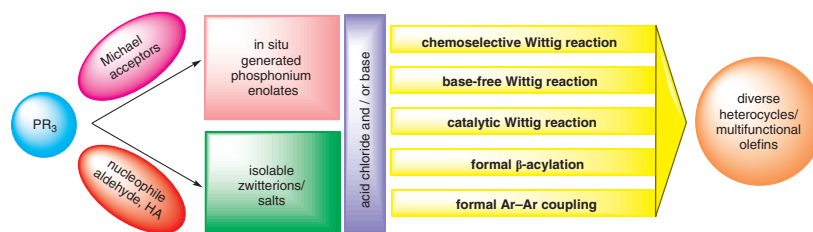
Synlett

Synlett 2018, 29, 2608–2622
DOI: 10.1055/s-0037-1610486P. Karanam
G. M. Reddy
W. Lin*National Taiwan Normal University,
Taiwan, R.O.C.

Strategic Exploitation of the Wittig Reaction: Facile Synthesis of Heteroaromatics and Multifunctional Olefins

Account

2608



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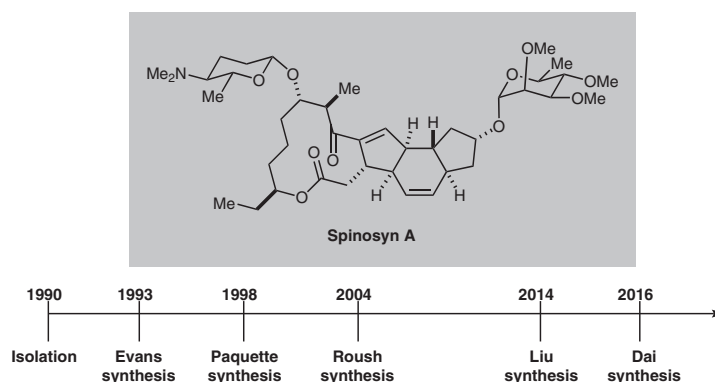
Synlett 2018, 29, 2623–2632
DOI: 10.1055/s-0037-1610249X. Cai
Y. Bai
M. Dai*

Purdue University, USA

Total Syntheses of Spinosyn A

Account

2623



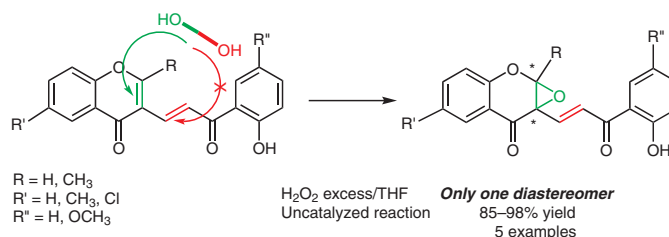
Synlett

Synlett 2018, 29, 2633–2637
DOI: 10.1055/s-0037-1611082R. Ameraoui
M. Hammadi*
O. Talhi*
R. Hassaine
A. Bouchama
H. Abdeldjebar
Y. Belmiloud
M. Brahimi
F. A. A. Paz
K. Bachari
A. M. S. Silva*Université M'Hamed Bougara,
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Centre de Recherche Scientifique
et Technique en Analyses Physi-
co-Chimiques CRAPC, Algeria
University of Aveiro, Portugal

Regioselective and Catalyst-Free Epoxidation of (E)-3-[3-(2-Hydroxyaryl)-3-oxoprop-1-en-1-yl]chromones

Letter

2633



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Synlett 2018, 29, 2638–2642
DOI: 10.1055/s-0037-1611022

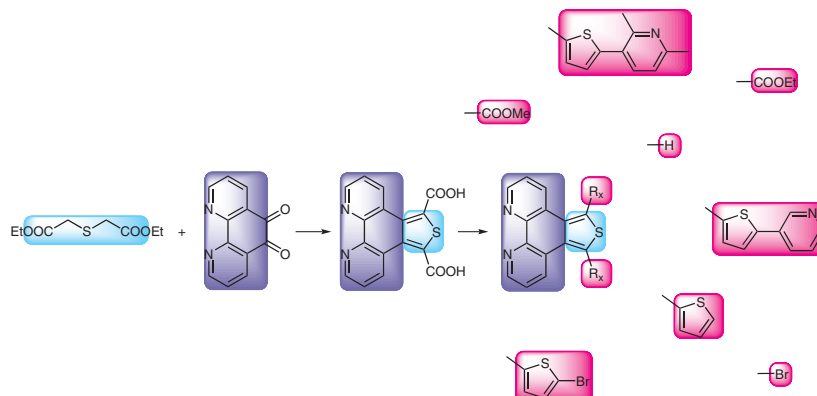
M. Tünnermann
P. Rehsies
U. Flörke
M. Bauer*

Paderborn University, Germany

A Straightforward Synthesis to Novel 1,10-Phenanthrolines with Fused Thiophene Structure

Letter

2638



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Synlett 2018, 29, 2643–2647
DOI: 10.1055/s-0037-1611041

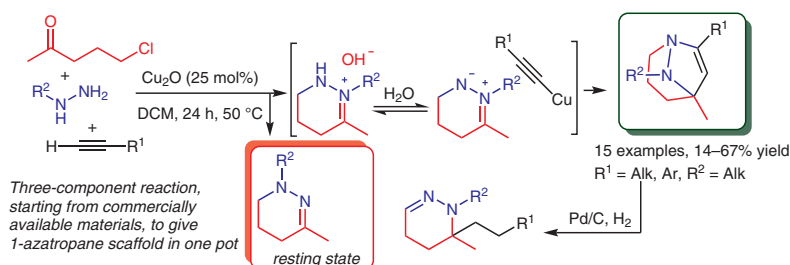
W. E. Van Beek
K. Weemaes
W. A. Herrebout
C. M. L. Vande Velde
K. A. Tehrani*

University of
Antwerp, Belgium

Synthesis of 1-Aza-6,7-dehydrotropans via Copper(I)-Catalyzed Coupling of 5-Chloropentan-2-one with Hydrazines and Terminal Alkynes

Letter

2643



Three-component reaction, starting from commercially available materials, to give 1-azapropene scaffolds in one pot

15 examples, 14–67% yield
R¹ = Alk, Ar, R² = Alk

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Synlett 2018, 29, 2648–2654
DOI: 10.1055/s-0037-1611294

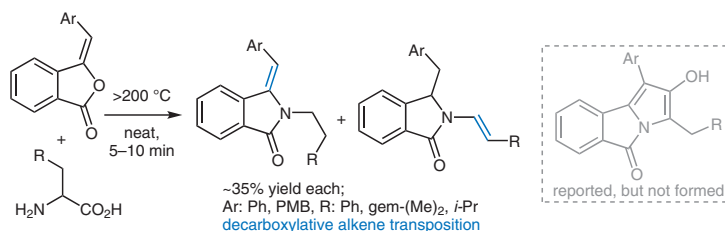
I. Saha
I. R. Baxendale*
M. Baumann*

Durham University, UK
University College Dublin, Ireland

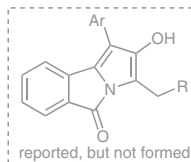
Unprecedented Alkene Transposition in Phthalate–Amino Acid Adducts

Letter

2648



~35% yield each;
Ar: Ph, PMB, R: Ph, gem-(Me)₂, *i*-Pr
decarboxylative alkene transposition



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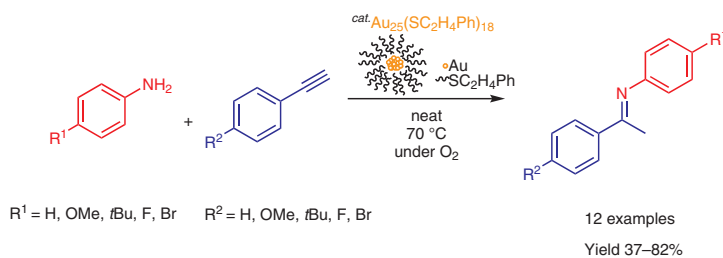
Synlett 2018, 29, 2655–2659
DOI: 10.1055/s-0037-1610671T. Nagata
Y. Adachi
Y. Obora*

Kansai University, Japan

Thiolate-Protected Au₂₅(SC₂H₄Ph)₁₈ Nanoclusters as a Catalyst for Intermolecular Hydroamination of Terminal Alkynes

Letter

2655



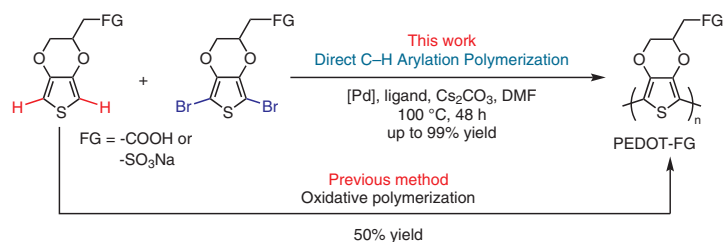
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Synlett 2018, 29, 2660–2668
DOI: 10.1055/s-0037-1611310H. Ayalew
T.-I. Wang
T.-H. Wang
H.-F. Hsu
H.-h. Yu*Institute of Chemistry, Academia
Sinica, Taiwan

Direct C–H Arylation Polymerization to form Anionic Water-Soluble Poly(3,4-ethylenedioxythiophenes) with Higher Yields and Molecular Weights

Cluster

2660



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Synlett 2018, 29, 2669–2672
DOI: 10.1055/s-0037-1610326

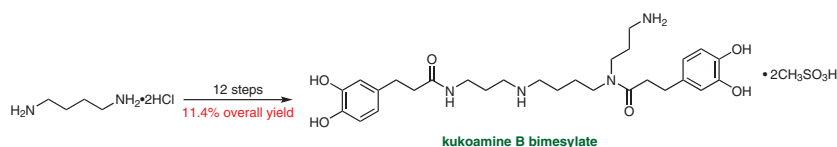
K. Dong*

Tianjin Chase Sun Pharmaceuti-
cal Co., Ltd, P. R. of China

The Total Synthesis of Spermine Alkaloid Kukoamine Bimesylate

Letter

2669



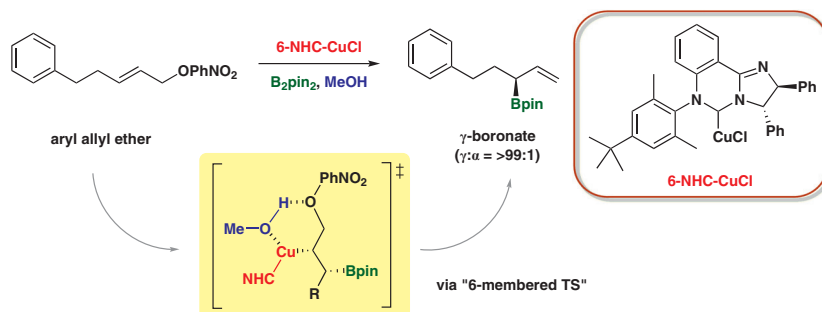
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Synlett 2018, 29, 2673–2678
DOI: 10.1055/s-0037-1610325M. Jo[◇]
D. Rivalti[◇]
A. R. Ehle
A. Dragulescu-Andrasi
M. Hartweg
M. Shatruk*
D. T. McQuade*
Florida State University, USA

Understanding Six-Membered NHC-Copper(I) Allylic Borylation Selectivity by Comparison with other Catalysts and Different Substrates

Letter

2673



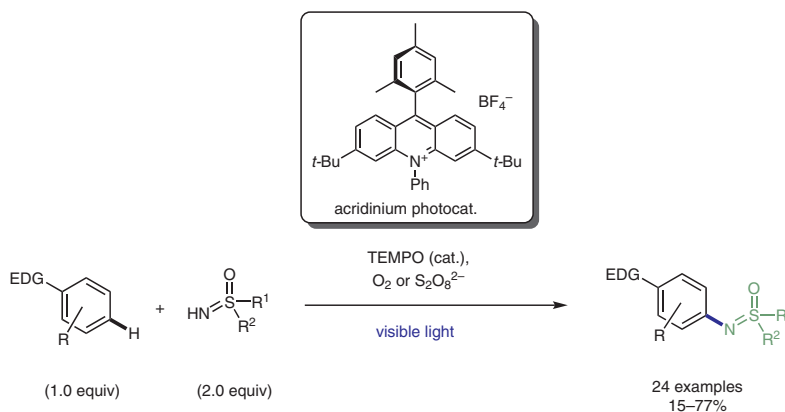
Synlett

Synlett 2018, 29, 2679–2684
DOI: 10.1055/s-0037-1609656H. Lämmermann
A. Sudau
D. Rackl
H. Weinmann
K. Collins
L. Wortmann
L. Candish
D. T. Hog*
R. Meier*Bayer AG, Pharmaceuticals, R&D,
Small Molecule Innovations, Medicinal Chemistry, Germany
Bayer AG, Pharmaceuticals, R&D,
Chemical Development, Germany

Late-Stage Sulfoximidation of Electron-Rich Arenes by Photoredox Catalysis

Letter

2679

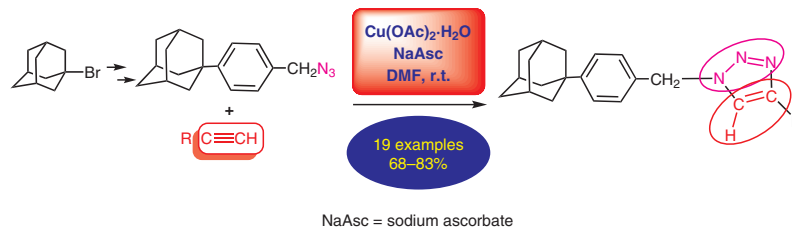


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Synlett 2018, 29, 2685–2688
DOI: 10.1055/s-0037-1610323O. B. le Hocine
D. Tebbani*
A. M. S. Silva*
Université des Frères Mentouri
Constantine 1, Algeria
University of Aveiro, PortugalSynthesis of 1,4-Disubstituted 1*H*-1,2,3-Triazoles from 4-(1-Adamantyl)benzyl Azide through a 1,3-Dipolar Cycloaddition Reaction

Letter

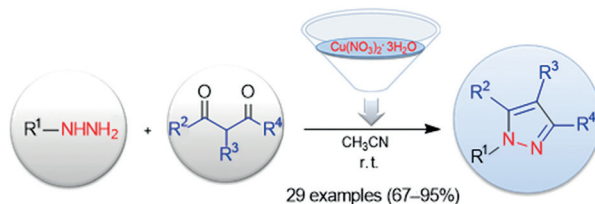
2685



Synlett 2018, 29, 2689–2692
DOI: 10.1055/s-0037-1610330

H. Wang*
X. Sun
S. Zhang
G. Liu
C. Wang
L. Zhu
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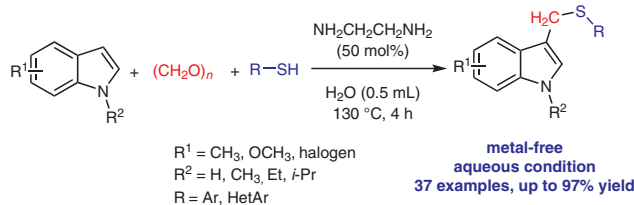


R¹ = substituted aryl hydrazine, aryl sulfonyl hydrazides
R² = aryl, alkyl
R³ = H, Cl, Me, Et
R⁴ = aryl, alkyl

Synlett 2018, 29, 2693–2696
DOI: 10.1055/s-0037-1611023

F. Xiao*
S. Yuan
H. Huang
G.-J. Deng*

Xiangtan University, P. R. of China

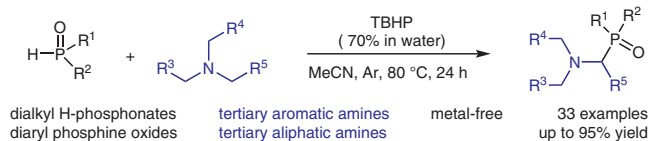


R¹ = CH₃, OCH₃, halogen
R² = H, CH₃, Et, *i*-Pr
R = Ar, HetAr

Synlett 2018, 29, 2697–2700
DOI: 10.1055/s-0037-1610306

B. Lin
G. Lu
R. Lin
Y. Cui
Y. Liu
G. Tang*
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dialkyl H-phosphonates
diaryl phosphine oxides

tertiary aromatic amines
tertiary aliphatic amines

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Effect of Anomeric Configuration on Stereocontrolled α -Glycosylation of L-Fucose

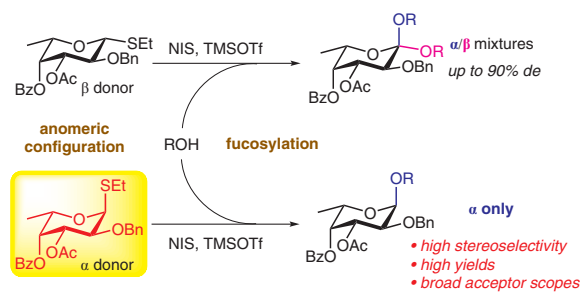
Letter

2701

Synlett 2018, 29, 2701–2706
DOI: 10.1055/s-0037-1611311

L. Wang
F. Fan
H. Wu
L. Gao
P. Zhang
T. Sun
C. Yang
G. Yu
C. Cai*

Ocean University of China, P. R. of China
Qingdao National Laboratory for Marine Science and Technology, P. R. of China



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A Novel One-Pot, Two-Step Reaction for the Synthesis of Indenopyrrolo[3,2-c]pyridinone Derivatives with a Recyclable Catalyst

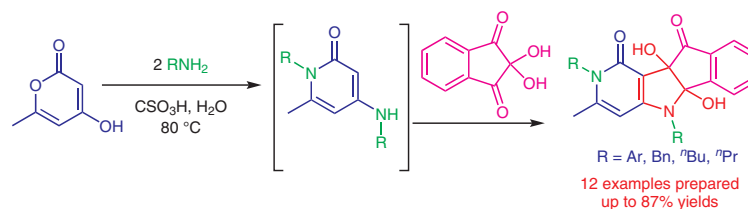
Letter

2707

Synlett 2018, 29, 2707–2711
DOI: 10.1055/s-0037-1609655

C. Li
F. Zhang*
C. Qi

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Zinc-Catalyzed Synthesis of Dithioacetals through Double Hydrosulfenylation of Alkynes by Thiols

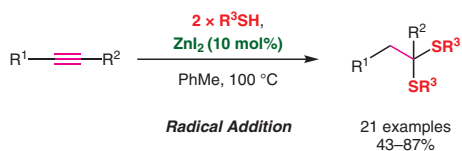
Letter

2712

Synlett 2018, 29, 2712–2716
DOI: 10.1055/s-0037-1610302

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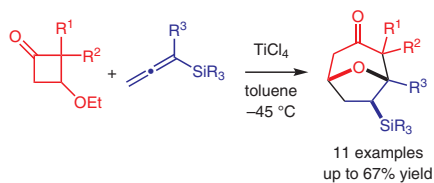
Synlett 2018, 29, 2717–2721
DOI: 10.1055/s-0037-1611276T. Onnagawa
M. Yamazaki
T. Yoshimura
J.-i. Matsuo*

Kanazawa University, Japan

Synthesis of 8-Oxabicyclo[3.2.1]octanes by TiCl₄-Mediated Reactions of 3-Alkoxybutanones and Allenylsilanes

Letter

2717



Synlett

Synlett 2018, 29, 2722–2726
DOI: 10.1055/s-0037-1610843F. Ke*
P. Zhang
Y. Xu
X. Lin
J. Lin
C. Lin
J. XuFujian Medical University, P. R. of
China

Microwave-Assisted Nickel-Catalyzed Synthesis of Benzimidazoles: Ammonia as a Cheap and Nontoxic Nitrogen Source

Letter

2722

