Synlett

Accounts and Rapid Communications in Chemical Synthesis

2018
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Synlett

Synlett **2018**, *29*, 2213–2217
DOI: 10.1055/s-0037-1610160

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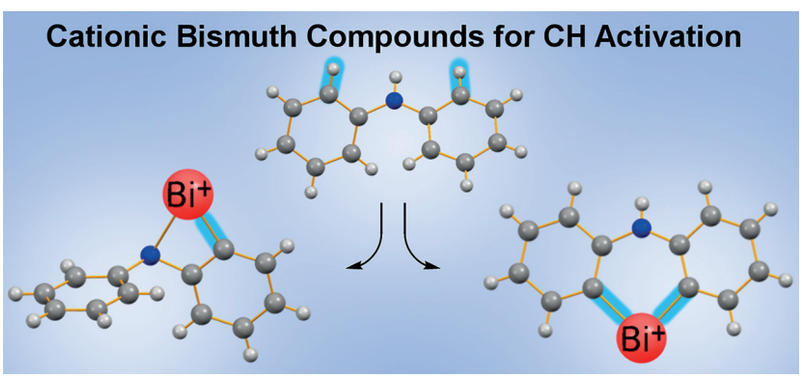
Cationic Bismuth Compounds in Organic Synthesis and Catalysis: New Prospects for CH Activation

Synpacts
2213



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Synlett **2018**, *29*, 2218–2224
DOI: 10.1055/s-0037-1610166

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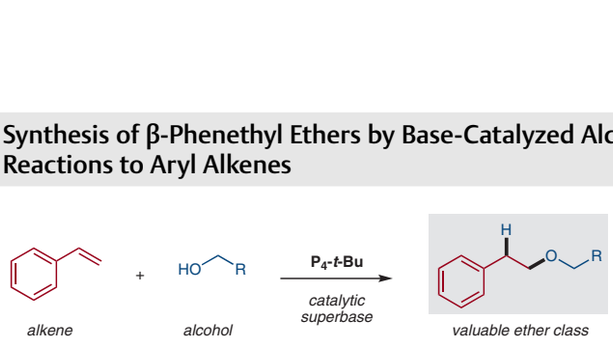
Synthesis of β-Phenethyl Ethers by Base-Catalyzed Alcohol Addition Reactions to Aryl Alkenes

Synpacts
2218



- broad arene and alcohol scope
- selective addition of complex alcohols, diols and amino alcohols
- enabled by organic superbase

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Synlett **2018**, *29*, 2225–2237
DOI: 10.1055/s-0037-1610203

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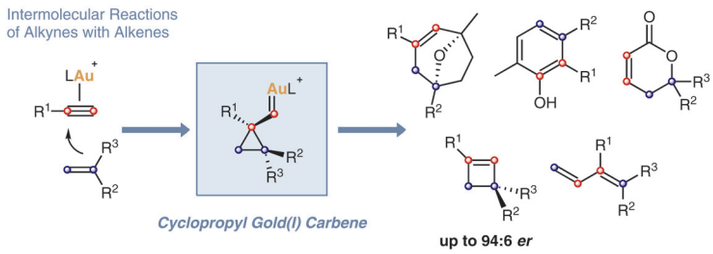
From Straightforward Gold(I)-Catalyzed Enyne Cyclizations to more Demanding Intermolecular Reactions of Alkynes with Alkenes

Account

2225



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Synlett **2018**, *29*, 2238–2250
DOI: 10.1055/s-0037-1610204

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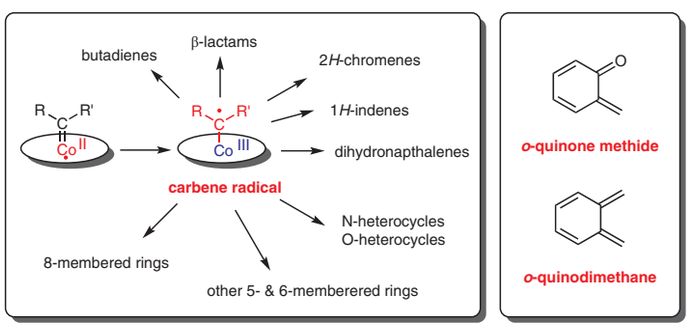
Radical-type Reactions Controlled by Cobalt: From Carbene Radical Reactivity to the Catalytic Intermediacy of Reactive *o*-Quinodimethanes

Account

2238



Synlett
Synlett **2018**, *29*, 2251–2256
DOI: 10.1055/s-0037-1611003

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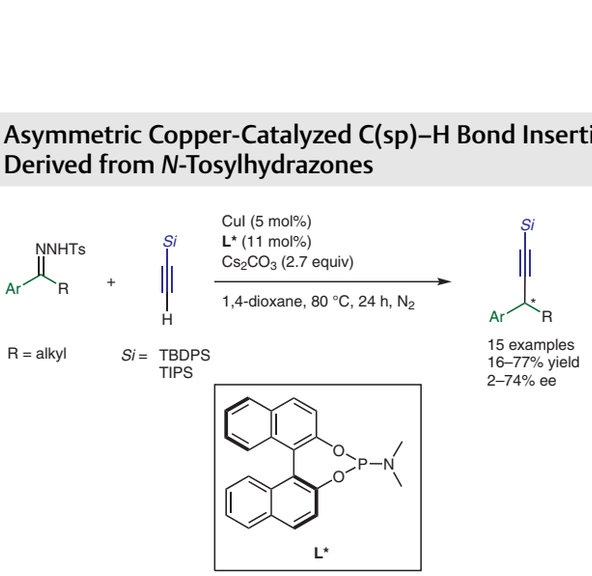
Asymmetric Copper-Catalyzed C(sp)–H Bond Insertion of Carbenoids Derived from *N*-Tosylhydrazones

Letter

2251



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Synlett **2018**, *29*, 2257–2264
DOI: 10.1055/s-0037-1610658

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M. Ji*
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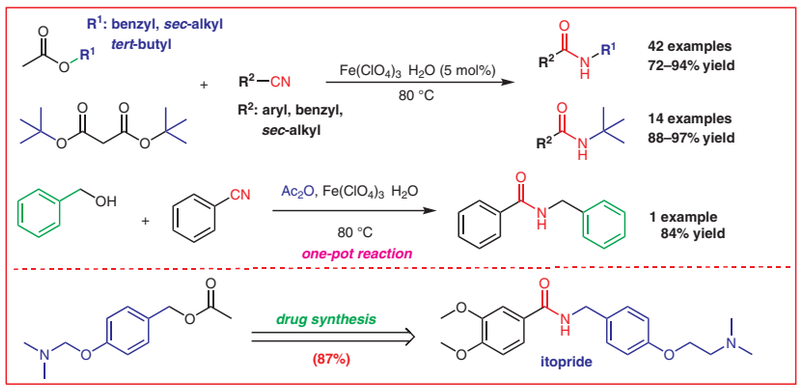
$Fe(ClO_4)_3 \cdot H_2O$-Catalyzed Ritter Reaction: A Convenient Synthesis of Amides from Esters and Nitriles

Letter

2257



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Synlett **2018**, *29*, 2265–2268
DOI: 10.1055/s-0037-1610255

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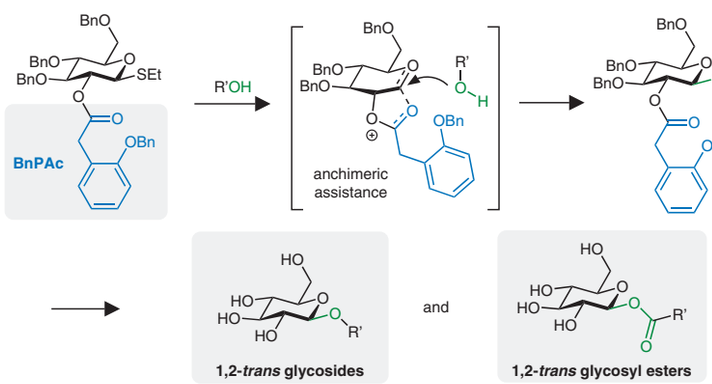
(2-Benzyloxyphenyl)acetyl (BnPAc): A Participating Relay Protecting Group for Diastereoselective Glycosylation and the Synthesis of 1,2-*trans* Glycosyl Esters

Letter

2265



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Synlett **2018**, *29*, 2269–2274
DOI: 10.1055/s-0037-1610906

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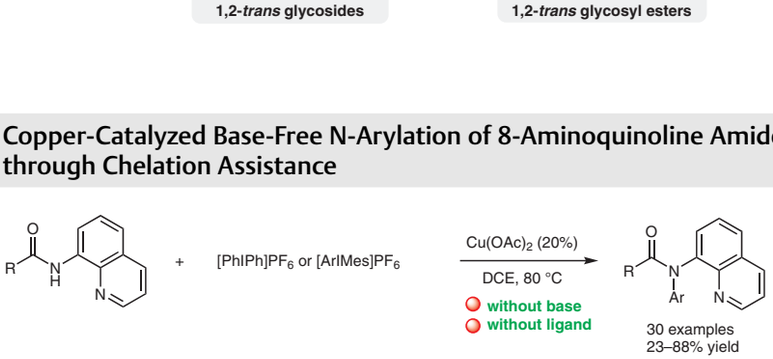
P. R. of China

Copper-Catalyzed Base-Free N-Arylation of 8-Aminoquinoline Amides through Chelation Assistance

Letter

2269



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Synlett **2018**, *29*, 2275–2278
DOI: 10.1055/s-0037-1610980

Dehydroxymethyl Bromination of Alkoxybenzyl Alcohols by Using a Hypervalent Iodine Reagent and Lithium Bromide

Letter
2275

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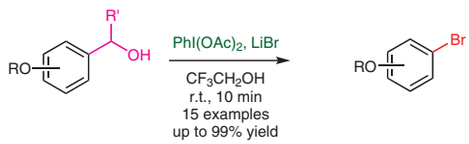
Y. Hirose
H. Hamamoto
A. Nakamura
Y. Miki
T. Maegawa*
Kindai University, Japan



mild conversion of alkoxybenzyl alcohols to bromides

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Synlett **2018**, *29*, 2279–2282
DOI: 10.1055/s-0037-1610257

Synthesis of β-CF_3 Ketones through Copper/Silver Cocatalyzed Oxidative Coupling of Enol Acetates with ICH_2CF_3

Letter
2279

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W. Deng*
J. Xiang*
N. Yi*
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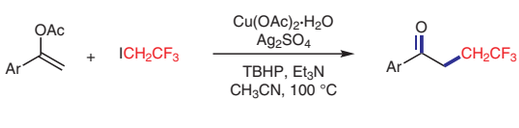

19 examples
21–70% yield
Simple substrates
High regio-selectivity

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Synlett **2018**, *29*, 2283–2287
DOI: 10.1055/s-0037-1610271

Copper-Catalyzed Synthesis of Substituted 4-Acylpyrazole Derivatives through a Cascade Transformation from *N*-Propargylic Sulfonylhydrazones and Diaryliodonium Salts

Letter
2283

R.-H. Li
X.-Y. Fan
Z.-L. Hu
Z.-K. Liu
Y. Yang
H.-T. Tang
Y.-H. Chen*
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Z.-P. Zhan
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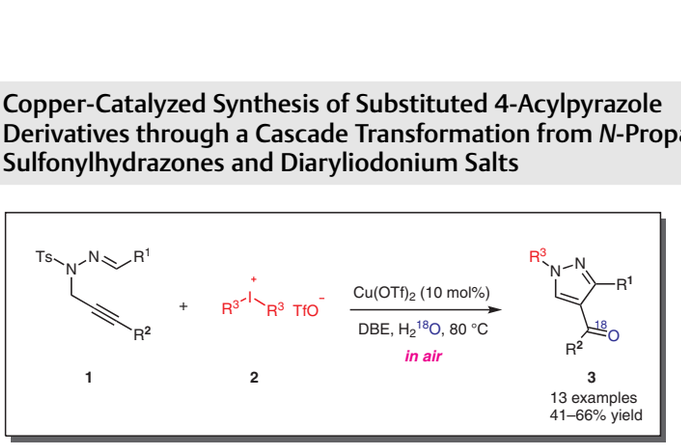

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Synlett **2018**, *29*, 2288–2292
DOI: 10.1055/s-0037-1609625

Palladium(0)-Catalyzed Diastereoselective (3+2) Cycloadditions of Vinylcyclopropanes with Sulfonyl-Activated Imines

Letter
2288

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M. Laugeois
V. Ratovelomanana-Vidal
M. R. Vitale*
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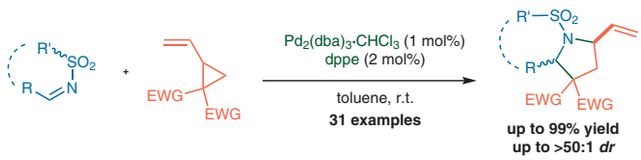

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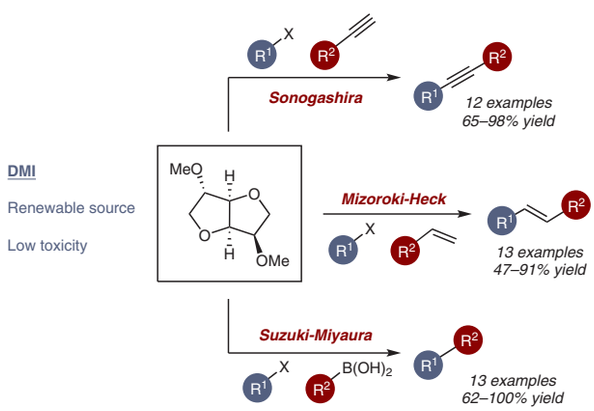
Synlett **2018**, *29*, 2293–2297
DOI: 10.1055/s-0037-1611054

Dimethylisosorbide (DMI) as a Bio-Derived Solvent for Pd-Catalyzed Cross-Coupling Reactions

Letter
2293

K. L. Wilson
J. Murray
H. F. Sneddon
C. Jamieson
A. J. B. Watson*
University of St Andrews, UK



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Synlett **2018**, *29*, 2298–2300
DOI: 10.1055/s-0037-1610292

Brønsted Acid Mediated Direct α-Hydroxylation of Cyclic α-Branched Ketones

Letter
2298

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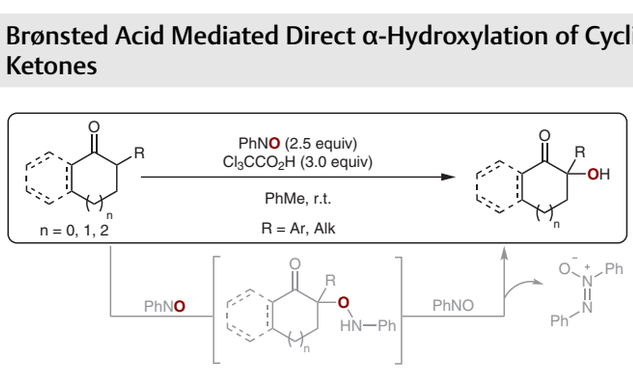

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Synlett **2018**, *29*, 2301–2305
DOI: 10.1055/s-0037-1609950

Catalyst-Free Three-Component Synthesis of Spirobenzimidazolidines Bearing an Indole Scaffold

Letter

2301

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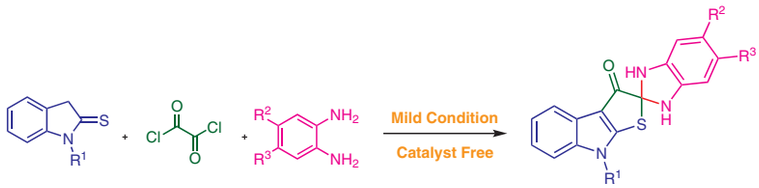

R^1 = H, Me, Ph

R^2 = H, Me
R^3 = H, Me, Cl, NO_2

12 Examples
Moderate to High Yield (58–80%)
Short Reaction Time
Easy Purification

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Synlett **2018**, *29*, 2306–2310
DOI: 10.1055/s-0037-1610264

$K_2S_2O_8$-Mediated Arylmethylation of Indoles with Tertiary Amines via sp^3 C–H Oxidation in Water

Letter

2306

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A. K. Yadav
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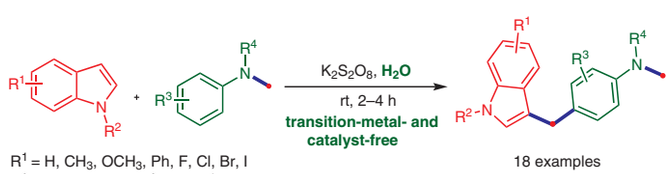

R^1 = H, CH_3, OCH_3, Ph, F, Cl, Br, I
R^2 = CH_3, $PhCH_2$; R^3 = Br; R^4 = CH_3

18 examples
up to 94% yield

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Synlett **2018**, *29*, 2311–2315
DOI: 10.1055/s-0037-1610279

Organic Photoredox Catalysis for Pschorr Reaction: A Metal-Free and Mild Approach to 6*H*-Benzo[*c*]chromenes

Letter

2311

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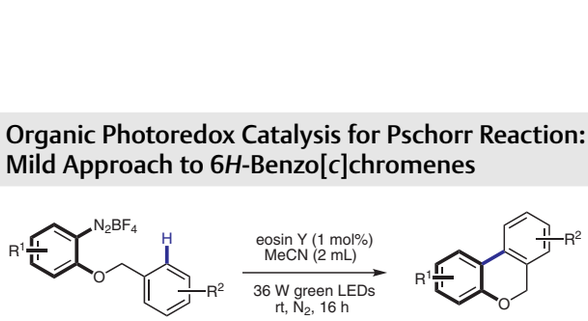

R^1 = H, Me, Cl, F, NO_2
R^2 = H, Me, OMe

15 examples
29–98% yield

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Synlett **2018**, *29*, 2316–2320
DOI: 10.1055/s-0037-1610657

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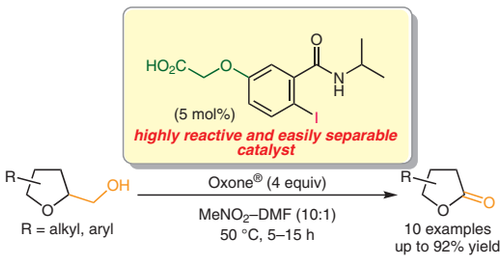
[4-Iodo-3-(isopropylcarbamoyl)phenoxy]acetic Acid as a Highly Reactive and Easily Separable Catalyst for the Oxidative Cleavage of Tetrahydrofuran-2-methanols to γ-Lactones

Letter
2316



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Synlett **2018**, *29*, 2321–2325
DOI: 10.1055/s-0037-1610265

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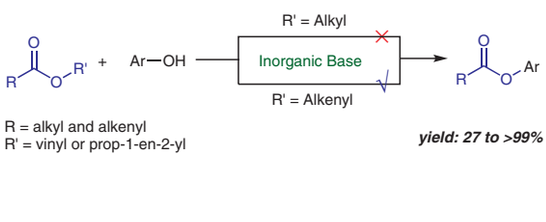
Na_2CO_3-Catalyzed *O*-Acylation of Phenols for the Synthesis of Aryl Carboxylates with Use of Alkenyl Carboxylates

Letter
2321



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Synlett **2018**, *29*, 2326–2330
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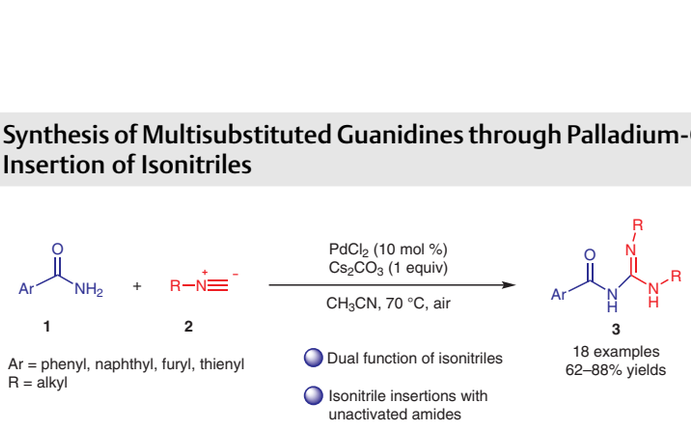
Synthesis of Multisubstituted Guanidines through Palladium-Catalyzed Insertion of Isonitriles

Letter
2326



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