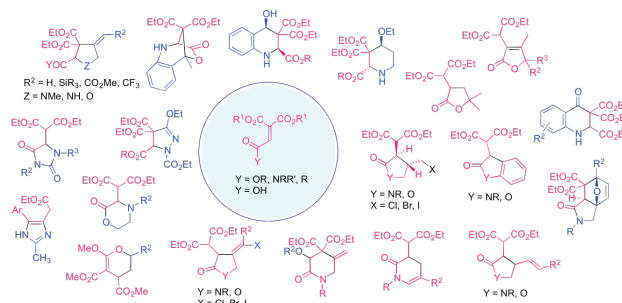


■ REVIEW

1561 Efficient Synthesis of Heterocycles Using Highly Electrophilic Ethenetricarboxylates

Shoko Yamazaki*

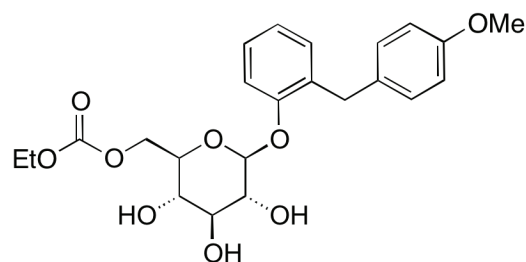


Ethenetricarboxylate Lewis Acid Cycloaddition Reaction Intramolecular Reaction Diels-Alder Reaction

■ PAPERS

 1599 An Efficient and Practical Preparation of a Potent Low-Affinity Na⁺-Dependent Glucose Cotransporter (SGLT2) Inhibitor, Sergliflozin Etabonate

Masahiro Kobayashi,* Hidetoshi Isawa, Junichi Sonehara, and Minoru Kubota

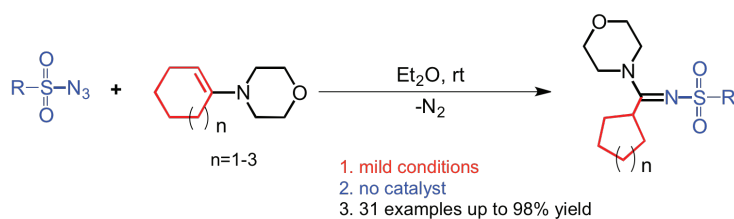


Sergliflozin etabonate

 Sergliflozin Etabonate Low-Affinity Na⁺-Dependent Glucose Cotransporter (SGLT2) Inhibitor O-Glycosylation Selective Ethoxycarbonylation

1614 Facile Synthesis of Sulfonyl Amidines by 1,3-Dipolar Cycloaddition between 1-Morpholinocycloalkenes and Sulfonyl Azides without Catalyst

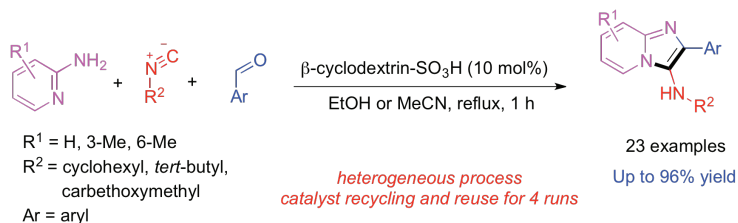
Chiaa Adiche, Mohammed Hamadouche, and Douniazad El Abed*


 R = Me, *p*-MeC₆H₄, *o*-NO₂C₆H₄, *m*-NO₂C₆H₄, *p*-NO₂C₆H₄, C₆H₅, *p*-EtC₆H₄, *p*-FC₆H₄, *p*-ClC₆H₄, *p*-BrC₆H₄, *p*-IC₆H₄, 2,4,6-*i*Pr-C₆H₃, *m*-SO₂N₃C₆H₄, C₄H₃S

Sulfonyl Amdine Sulfonyl Azide Cyclic Enamine 1,3-Dipolar Cycloaddition Reaction Unstable Bicyclic 1,2,3-Triazoline

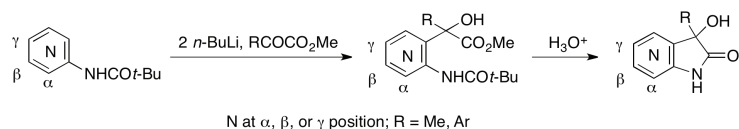
 1629 A Facile Preparation of Imidazo[1,2-*a*]pyridin-3-amine Derivatives via a Three-Component Reaction with β-Cyclodextrin-SO₃H as Catalyst

Jian Wu,* Fang-Zhou Xu, She-Lei Feng, Wei Xue, and Zhen-Zhen Wang


 Imidazo[1,2-*a*]pyridin-3-amine β-Cyclodextrin-SO₃H Synthesis Three-Component Reaction

1643 Synthesis of 3-Hydroxy-1,3-dihydro-2H-pyrrolo[2,3-*b*]-, -[2,3-*c*]-, or -[3,2-*c*]pyridin-2-ones from the Respective *N*-Pyridinylpivalamides and α -Keto Esters

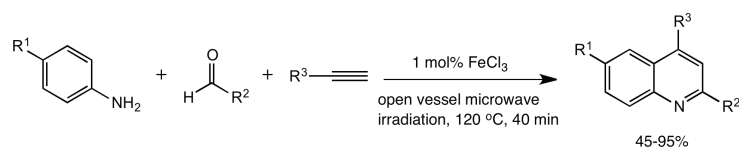
Kazuhiro Kobayashi,* Risa Kosuna, and Yuuki Chikazawa



1,3-Dihydro-2H-pyrrolopyridin-2-one Azaoxyindole Pyridinamine Lithiation Lactamization

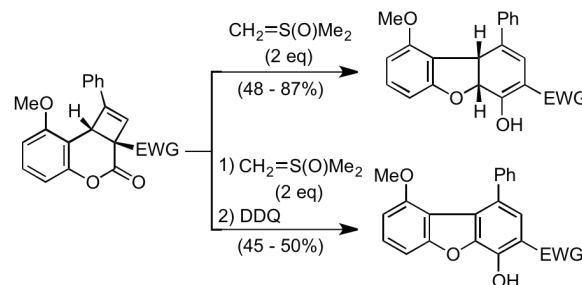
SHORT PAPERS
1655 A Green, Solvent-Free One-Pot Synthesis of Disubstituted Quinolines via A^3 -Coupling Using 1 Mol% $FeCl_3$

Shivani Naidoo and Vineet Jeena*


 A^3 -Coupling Reaction Green Chemistry Quinoline Solvent-Free Reaction

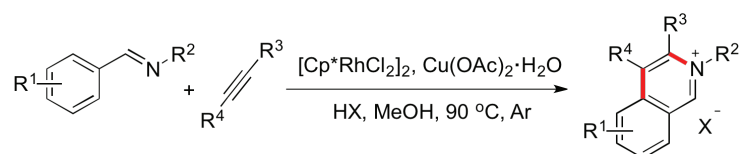
1665 Skeletal Transformation of 2a,8b-Dihydrobenzo[*b*]cyclobute[*d*]pyran-3-ones into Dihydrodibenzofurans

Toru Tanaka, Masaki Nagahama, Navnath Dnyanoba Yadav, Hiroki Iwasaki, Minoru Ozeki, Naoto Kojima, and Masayuki Yamashita*


 Benzo[*b*]cyclobute[*d*]pyran Dibenzofuran Methylide 2,2'-Biphenol Skeletal Transformation

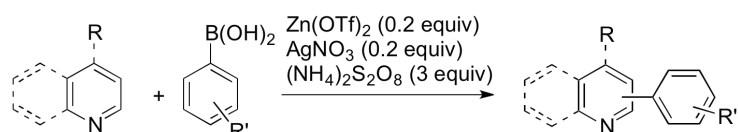
1674 Synthesis of Isoquinolinium via Rhodium(III)-Catalyzed Oxidative Annulation between Aldimines and Alkynes

Cheng-Qi Wang, Wei Zhang, Hui Lin, Fu Su,* and Lin Dong*



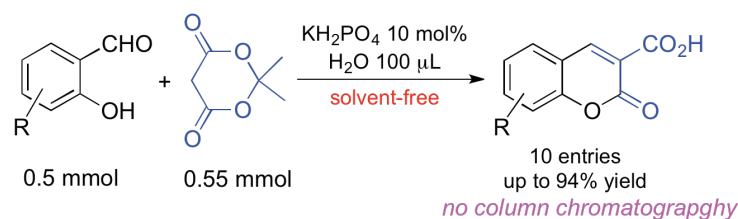
Isoquinolinium Salt C-H Activation Rh(III)-Catalyzed Reaction

- 1687 Lewis Acid-Catalyzed Borono-Minisci Reactions of Arylboronic Acids and Heterocycles**
 Joyce L. Biaco, Savannah L. Jones, and Timothy J. Barker*



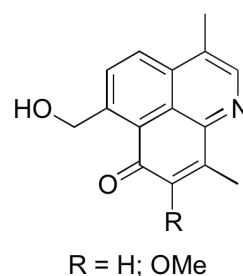
Minisci Reaction Boronic Acid Radical Lewis Acid

- 1698 KH₂PO₄ Promoted Practical and Environmentally Friendly Preparation of Coumarin-3-carboxylic Acids under Solvent-Free Condition**
 Shuangqiu Gao, Di Xiao, Ying Yang, Xiaoyü Wei, Sai Sun, Jian Lang, and Chengwei Lv*



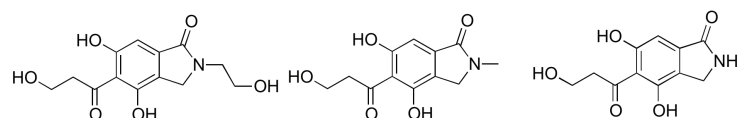
Coumarin-3-carboxylic Acid Potassium Dihydrogen Phosphate Water Solvent-Free Reaction Green Chemistry

- 1706 Two New Alkaloids from the Seeds of *Cassia alata* and Their Bioactivities**
 Pei-Song Yang, Wei Zhang, Xiao-Feng Shen, Xin-Lin Wang, Chao Li, Xiao-Wei Gong, Xu-Dong Zheng, Dong-Lai Zhu,* and Jia-Qiang Wang*



Alkaloid *Cassia alata* Anti-Tobacco Mosaic Virus Activity Cytotoxicity Activity

- 1713 Three New Isoindolin-1-ones from the Leaves of Yunnan Local Sun Cured Tobacco and Their Bioactivities**
 Feng-Mei Zhang, Jian-Jun Xia, Pei-Song Yang, Qin-Peng Shen, Chun-Bo Liu, Pei He, Jia-Qiang Wang, Zhi-Hua Liu,* and Zhong-Tao Ding*



Isoindolin-1-one Yunnan Local Sun Cured Tobacco Anti-Tobacco Mosaic Virus Activity Cytotoxicity Activity

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 1721 Polyketides
 - 1723 Aromatics
 - 1727 Terpenes
 - 1730 Alkaloids
 - 1742 Miscellaneous
-

■ BRUSH UP YOUR HETEROCYCLES

- 1745 Brush Up Your Heterocycles
-

Contributors To This Issue

- 1614 Adiche, Chiaa
 1687 Barker, Timothy J.
 1687 Biaco, Joyce L.
 1643 Chikazawa, Yuuki
 1713 Ding, Zhong-Tao
 1674 Dong, Lin
 1614 El Abed, Douniazad
 1629 Feng, She-Lei
 1698 Gao, Shuangqiu
 1706 Gong, Xiao-Wei
 1614 Hamadouche, Mohammed
 1713 He, Pei
 1599 Isawa, Hidetoshi
 1665 Iwasaki, Hiroki
 1655 Jeena, Vineet
 1687 Jones, Savannah L.
 1643 Kobayashi, Kazuhiro
 1599 Kobayashi, Masahiro
 1665 Kojima, Naoto
 1643 Kosuna, Risa
 1599 Kubota, Minoru
 1698 Lang, Jian
 1706 Li, Chao
 1674 Lin, Hui
 1713 Liu, Chun-Bo
 1713 Liu, Zhi-Hua
 1698 Lv, Chengwei
 1665 Nagahama, Masaki
 1655 Naidoo, Shivani
 1665 Ozeki, Minoru
 1713 Shen, Qin-Peng
 1706 Shen, Xiao-Feng
 1599 Sonehara, Junichi
 1674 Su, Fu
 1698 Sun, Sai
 1665 Tanaka, Toru
 1674 Wang, Cheng-Qi
 1706, 1713 Wang, Jia-Qiang
 1706 Wang, Xin-Lin
 1629 Wang, Zhen-Zhen
 1698 Wei, Xiaoyü
 1629 Wu, Jian
 1713 Xia, Jian-Jun
 1698 Xiao, Di
 1629 Xu, Fang-Zhou
 1629 Xue, Wei
 1665 Yadav, Navnath Dnyanoba
 1665 Yamashita, Masayuki
 1561 Yamazaki, Shoko
 1706, 1713 Yang, Pei-Song
 1698 Yang, Ying
 1713 Zhang, Feng-Mei
 1674 Zhang, Wei
 1706 Zhang, Wei
 1706 Zheng, Xu-Dong
 1706 Zhu, Dong-Lai