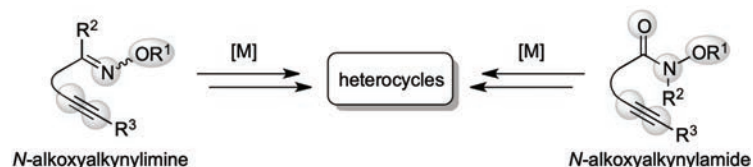


■ REVIEW

 321 **Synthesis of Heterocycles Utilizing *N*-Alkoxyimines and Amides**

Motohiro Yasui, Norihiko Takeda, and Masafumi Ueda*

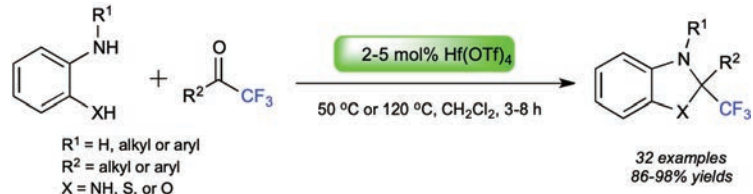


N-Alkoxyimine N-Alkoxyamide Alkyne Cyclization Transition Metal

■ PAPERS

 371 **Efficient Synthesis of Fluorinated Benzimidazolines, Benzoxazolines and Benzothiazolines Catalyzed by $\text{Hf}(\text{OTf})_4$**

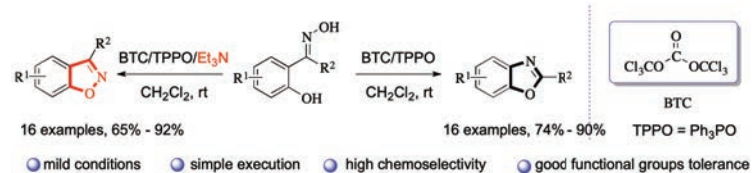
Jing-Ying Wei, Shuai-Bo Han, Xiao-Chong Peng, Cheng-Jun Wang, De-Yun Zeng, Shan-Shan Gong,* and Qi Sun*



Hafnium Triflate Fluorinated Benzimidazoline Fluorinated Benzoxazoline Fluorinated Benzothiazoline

 383 **Efficient and Divergent Synthesis of Benzoxazoles and 1,2-Benzisoxazoles from *o*-Hydroxyaryl Ketoximes**

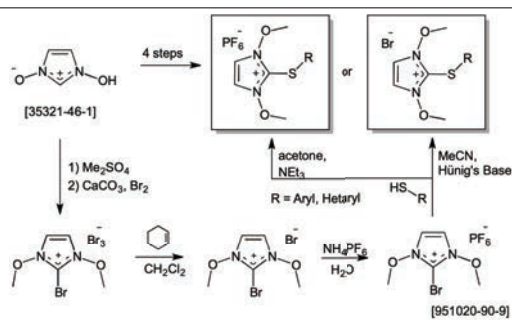
Zhenhua Li,* Guoqiang Jin, Jingjing Qin, Zhiyong Tan, and Jiayu He



Divergent Synthesis Benzoxazole Benzisoxazole Bis(trichloromethyl) Carbonate Triphenylphosphine Oxide

 399 **2-Bromo-1,3-di(methoxy)imidazolium Tribromide as Starting Salt for 2-Aryl- and 2-Heteroaryl- mercapto Derivatives**

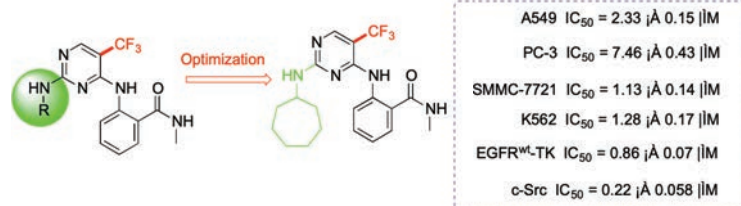
Lukas Fliri, Sandro Neuner, Martin Lampl, Gabriel Partl, Holger Kopacka, Klaus Wurst, Thomas Gelbrich, Volker Kahlenberg, Sven Nerdinger,* and Herwig Schottenberger*



N-Alkoxyimidazolium Bromide Tribromide 2--Mercaptoimidazolium Salt NHC-Carbene Masking

418 Synthesis and Evaluation of Diaminopyrimidine Derivatives as Dual Inhibitors of EGFR and Src for Antitumor Treatment

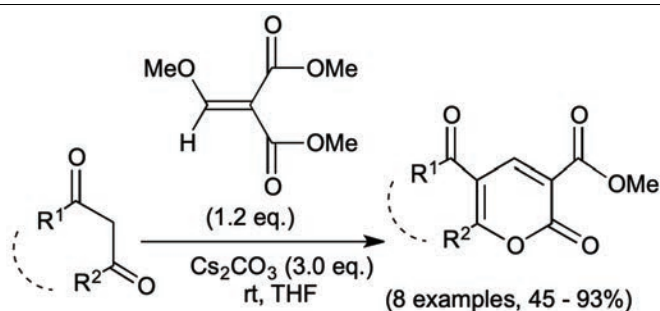
Longjia Yan,* Yi Le, Dongmei Chen, Yumei Chen, Di Zhang, and Lan Yang



Diaminopyrimidine EGFR Src Kinase Dual Inhibitor Antitumor Activity

429 Facile Preparation of 2-Oxo-2H-1-pyran-3-carboxylates with the Electron-Withdrawing Group at the 5-Position

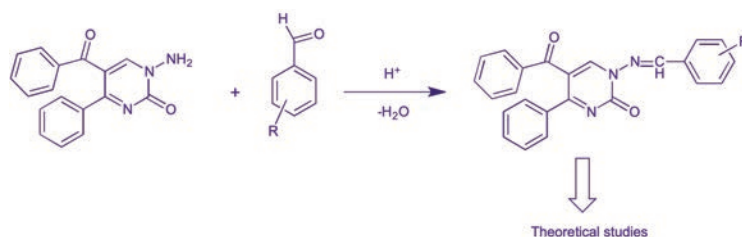
Toru Tanaka, Shoki Inoue, Takuya Miura, Yun-Han Hsieh, Hiroki Iwasaki, Minoru Ozeki, Naoto Kojima, and Masayuki Yamashita*



2-Oxo-2H-1-pyran Synthesis Cesium Carbonate (Methoxymethylene)malonate X-Ray Crystallography

440 New Schiff Bases Based on 1-Aminopyrimidin-2-(1H)-one: Design, Synthesis, Characterization and Theoretical Calculations

Zülbiye Kökbudak, Halime Güzin Aslan, and Senem Akkoç*

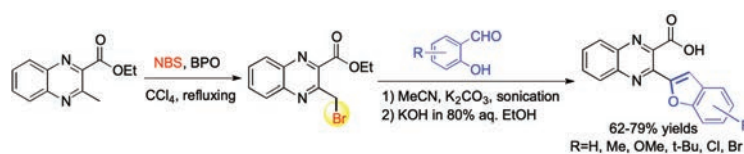


Conformer Analysis Gaussian Pyrimidine Schiff Base Spartan

■ SHORT PAPERS

451 A Facile Synthesis and Antibacterial Activity of Novel Quinoxaline-Benzofuran Hybrids

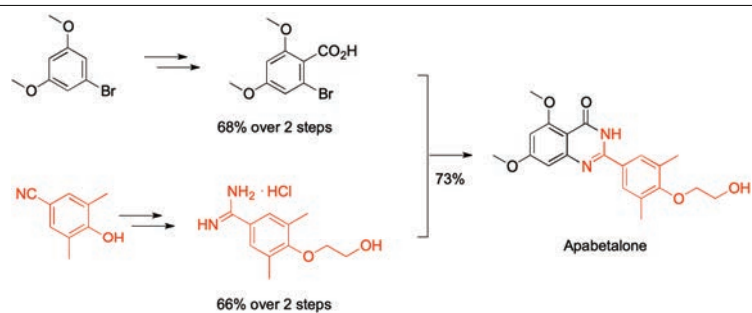
Yang Li, Bingyue Tang, Shiyu Dong, Hongwei Qin, Wentao Gao,* and Yu Chen*



Quinoxaline Quinoxaline-Benzofuran Hybrid Hybrid Bromomethyl Group Antibacterial Activity

463 **New Synthesis of Apabetalone**

Pengfei Wu, Han Wang,* Wenxin Chen, Cong Sun, Lei Gao, and Yongjun Mao



Apabetalone New Synthetic Method Convergent Synthesis

■ TOTAL SYNTHESIS OF HETEROCYCLIC NATURAL PRODUCTS

- 469 Polyketides
- 472 Terpenes
- 475 Alkaloids
- 480 Miscellaneous

■ BRUSH UP YOUR HETEROCYCLES

- 483 Brush Up Your Heterocycles

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440 Akkoç, Senem
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418 Zhang, Di