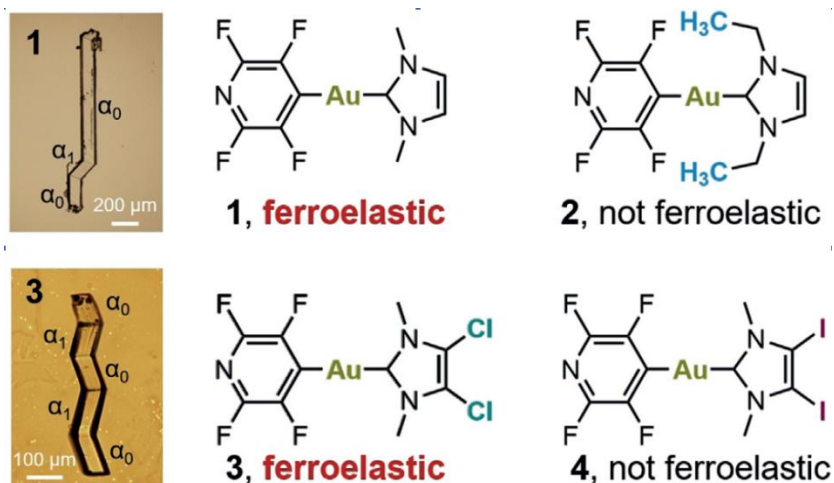


Angewandte Chemie

Photoluminescent Ferroelastic Molecular Crystals

Dr. Tomohiro Seki, Chi Feng, Kentaro Kashiya, Shunichi Sakamoto,
Dr. Yuichi Takasaki, Dr. Toshiyuki Sasaki, Prof. Dr. Satoshi Takamizawa,
Prof. Dr. Hajime Ito

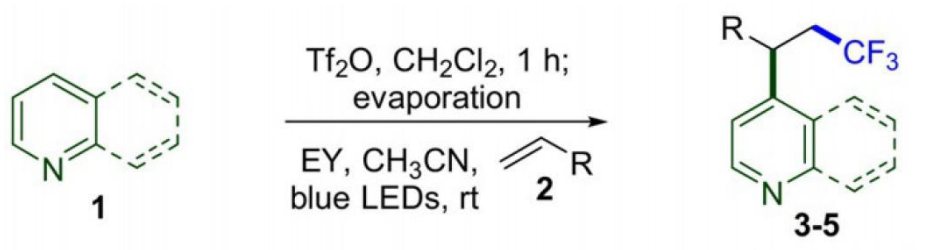
Angew. Chem. Int. Ed., 2020, 59, 8839-8843



Visible-Light-Enabled Trifluoromethylative Pyridylation of Alkenes from Pyridines and Triflic Anhydride

Kangjae Lee, Seojin Lee, Namhoon Kim, Seonyul Kim, Prof. Dr. Sungwoo Hong

Angew. Chem. Int. Ed., 2020, 59, 13379-13384

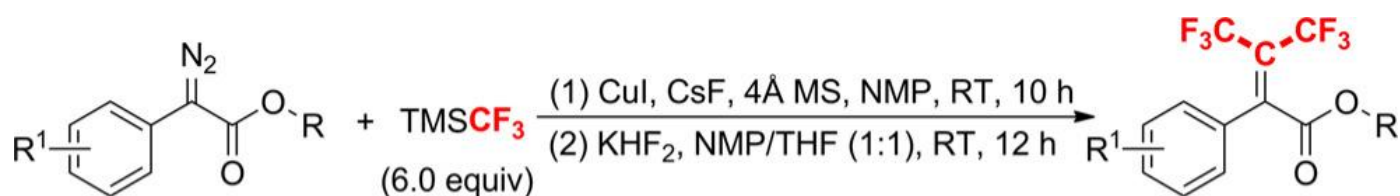


53 examples
yield up to 72%

From C₁ to C₃: Copper-Catalyzed *gem*-Bis(trifluoromethyl)olefination of α -Diazo Esters with TMSCF₃

Qian Wang, Dr. Chuanfa Ni, Dr. Mingyou Hu, Dr. Qiqiang Xie, Dr. Qinghe Liu, Shitao Pan,
Prof. Dr. Jinbo Hu

Angew. Chem. Int. Ed., 2020, 59, 8507-8511



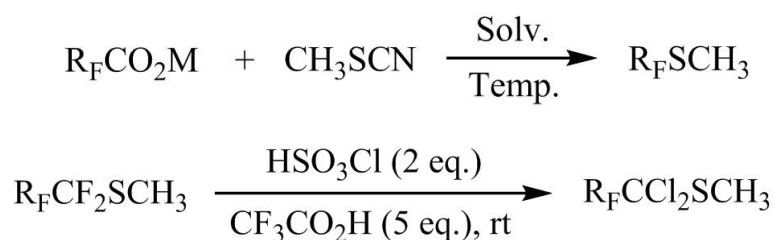
33 examples
yield up to 81%

Fluorine Notes

Synthesis Of Methyl Perfluoroalkyl- And 1,1-Dichloroperfluoroalkyl Sulfides

A.A. Tyutyunov, S. R. Sterlin, S. M. Igumnov

Fluorine Notes, 2020, 4(131), 7-8



5 examples
yield up to 65%

Organic Process Research & Development

Where Does the Fluorine Come From? A Review on the Challenges Associated with the Synthesis of Organofluorine Compounds

Wenyi Zhao, Sylvain Guizzetti, James A. Schwindeman, David S. B. Daniels, James J. Douglas, Antonio Ramirez, and John Knight

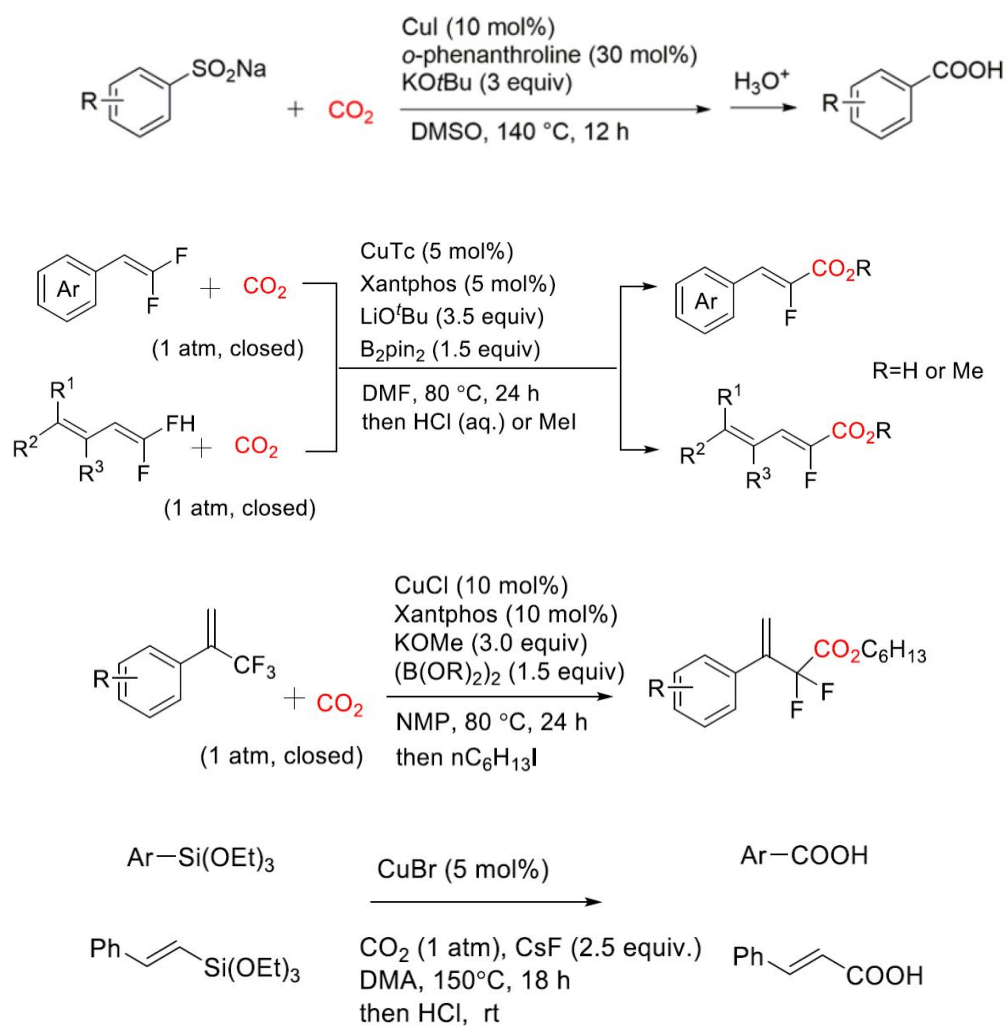
Org. Process Res. Dev. 2020, 24, 4, 470–480

Organometallics

Construction of C–Cu Bond: A Useful Strategy in CO₂ Conversion

Hong-Ru Li and Liang-Nian He

Organometallics, 2020, 39, 9, 1461–1475

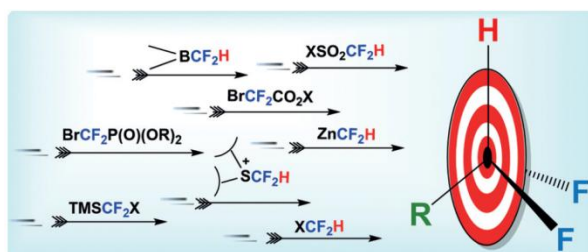


Synthesis

Recent Progress on the Synthesis of CF₂H-Containing Derivatives

Noam Levi, Dafna Amir, Eytan Gershonov, Yossi Zafrani

Synthesis 2019; 51(24): 4549-4567



Recent Advances in Difluoromethylthiolation

Xuan Xiao, Zi-Tong Zheng, Ting Li, Jing-Lin Zheng, Ting Tao, Li-Mei Chen, Jin-Ying Gu, Xu Yao, Jin-Hong Lin, Ji-Chang Xiao

Synthesis 2020; 52(02): 197-207

