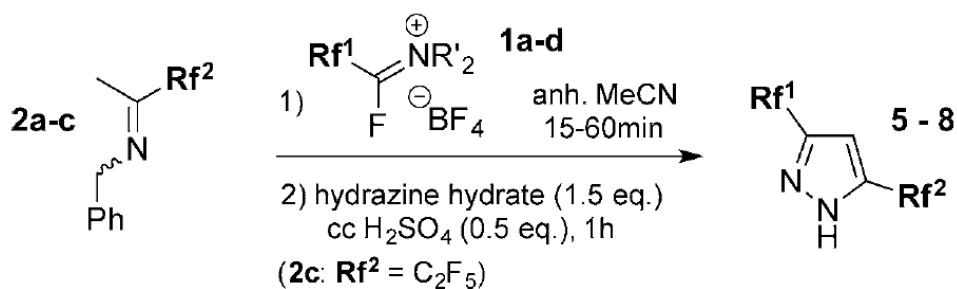


Fluoroalkyl Amino Reagents

## A Major Advance in the Synthesis of Fluoroalkyl Pyrazoles: Tuneable Regioselectivity and Broad Substitution Patterns

Etienne Schmitt, Armen Panossian, Jean-Pierre Vors, Christian Funke, Norbert Lui,  
Sergiy Pazenok, and Frédéric R. Leroux

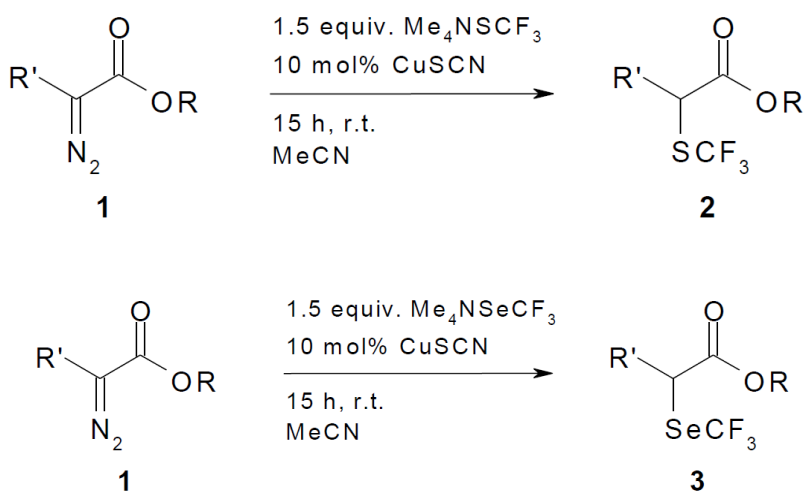
**CHEMISTRY A Eur.J., 2016, 22, 11239-11244**



## Trifluoromethylthiolation and Trifluoromethylselenolation of $\alpha$ -Diazo Esters Catalyzed by Copper

Christian Matheis, Thilo Krause, Valentina Bragoni and Lukas J. Goossen

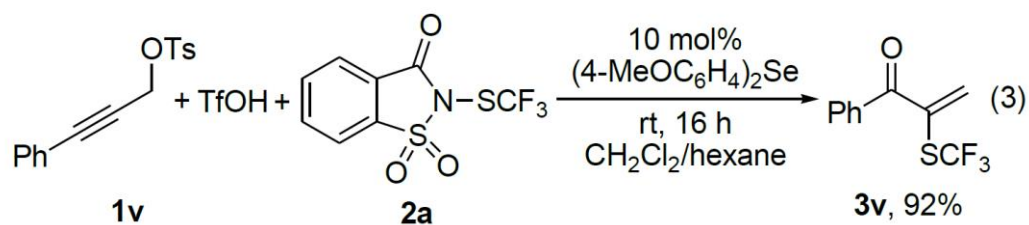
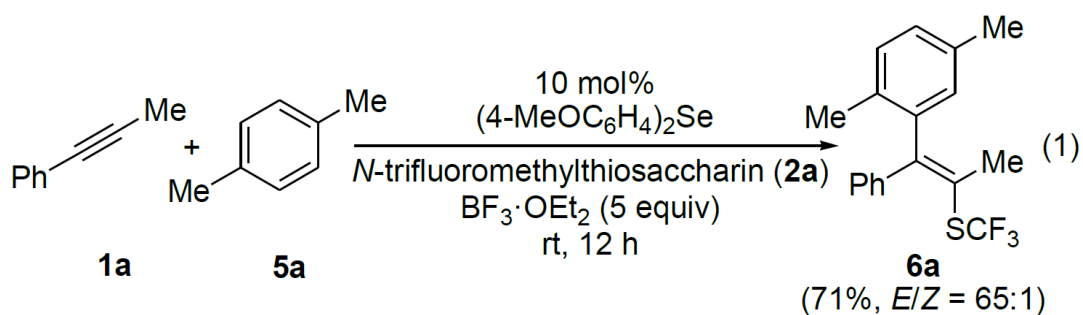
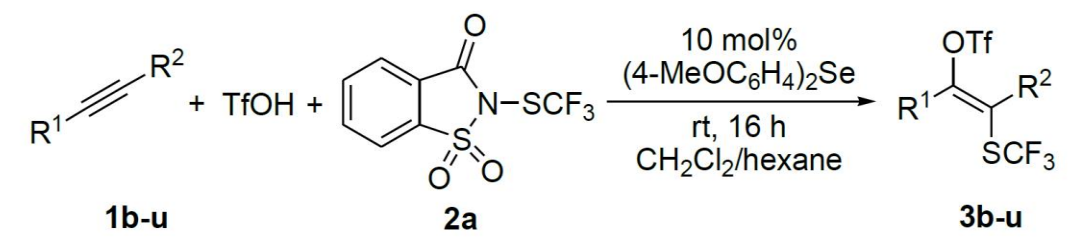
**CHEMISTRY A Eur.J., 2016, 22, 12270-12273**



# Selenide-Catalyzed Stereoselective Construction of Tetrasubstituted Trifluoromethylthiolated Alkenes with Alkynes

Jin-Ji Wu, Jia Xu, and Xiaodan Zhao

CHEMISTRY A Eur.J., 2016, 22, 15265-15269

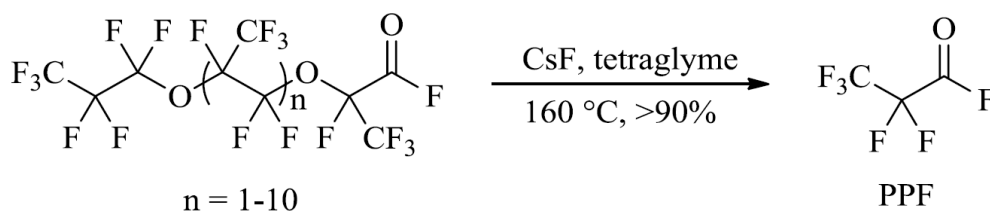


## Chinese Chemical Letters

### One stone two birds: Degradation of persistent organic pollutants to a valuable industrial chemical production of pentafluoropropionyl fluoride from HFPO oligomers catalyzed by cesium fluoride in tetraglyme

Qian Geng, Xin Xiao, Guang-Rui He, Su-Mei Yao, Guang-Xin Liang

Chinese Chemical Letters, 2016, 27, 1009-1012

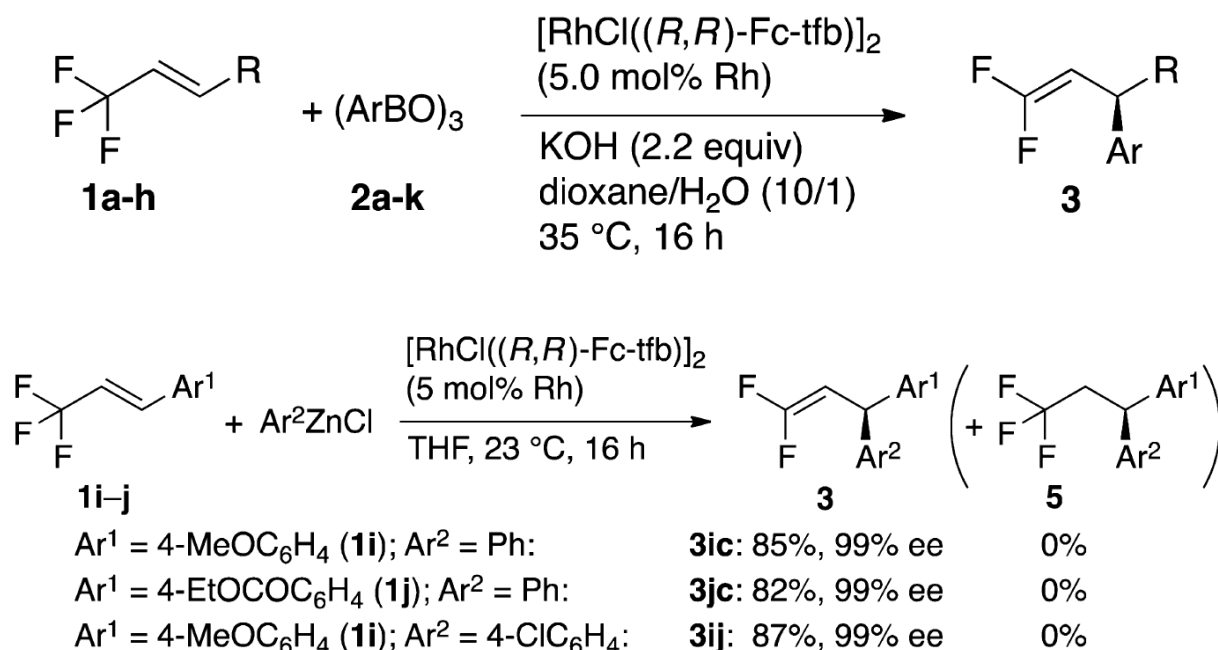


## Journal of American Chemical Society

### Rhodium-Catalyzed Asymmetric Arylation/Defluorination of 1-(Trifluoromethyl)alkenes Forming Enantioenriched 1,1-Difluoroalkenes

Yinhua Huang and Tamio Hayashi

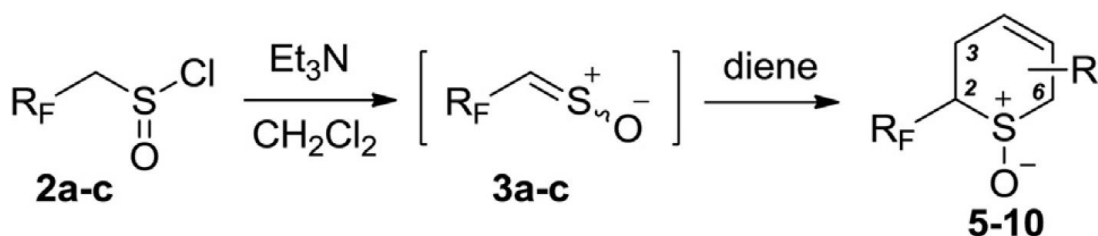
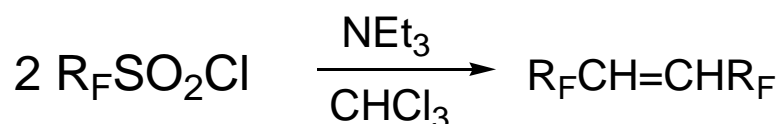
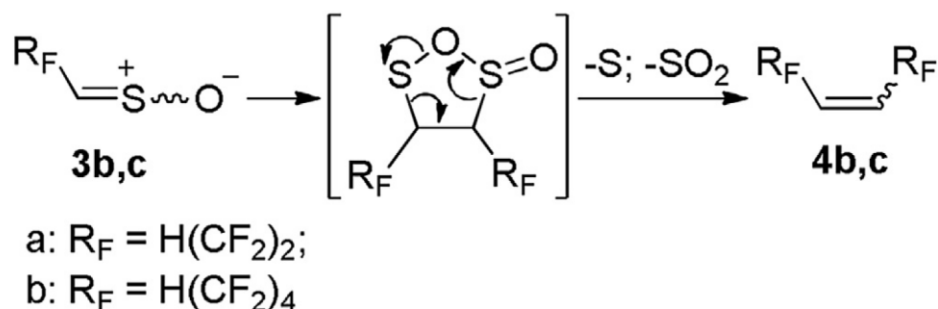
J.Amer.Chem.Soc., 2016, 138,12340-12343



**Polyfluoroalkyl sulfines derived from 1,1-dihydropolyfluoroalkanesulfinyl chlorides: Decomposition and [4+2]-cycloaddition reactions**

Volodymyr M. Ogurok, Sergiy A. Siry, Eduard B. Rusanov, Yuriy G. Shermolovych

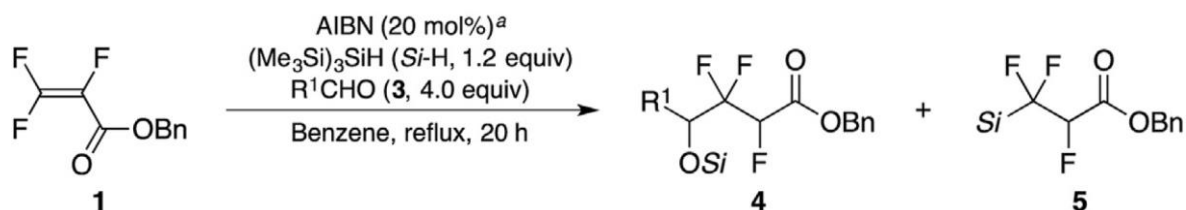
**J.Fluor.Chem., 2016, 189, 119-126**



**Radical reactivity of a,b,b-trifluoroacrylic ester: Facile approach to g-silyloxy-a,b,b-trifluorobutyric acid derivatives involving regioselective nucleophilic radical addition reaction**

Ken Tamamoto, Shigeyuki Yamada, Masao Higashi, Tsutomu Konno\*, Takashi Ishihar

**J.Fluor.Chem., 2016, 190, 23-30**

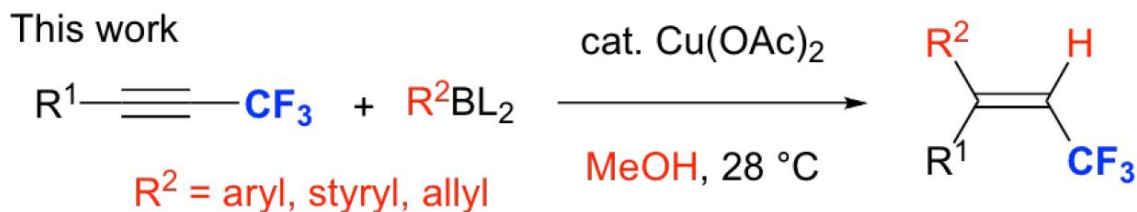


## Green Chemistry

Selective synthesis of trisubstituted (trifluoromethyl)alkenes *via* ligand-free Cu-catalyzed *syn* hydroarylation, hydroalkenylation and hydroallylation of (trifluoromethyl)alkynes

Y.Yamamoto, E.Ohkubo, and M. Shibuya

Green.Chem., 2016, 18, 4628-4632

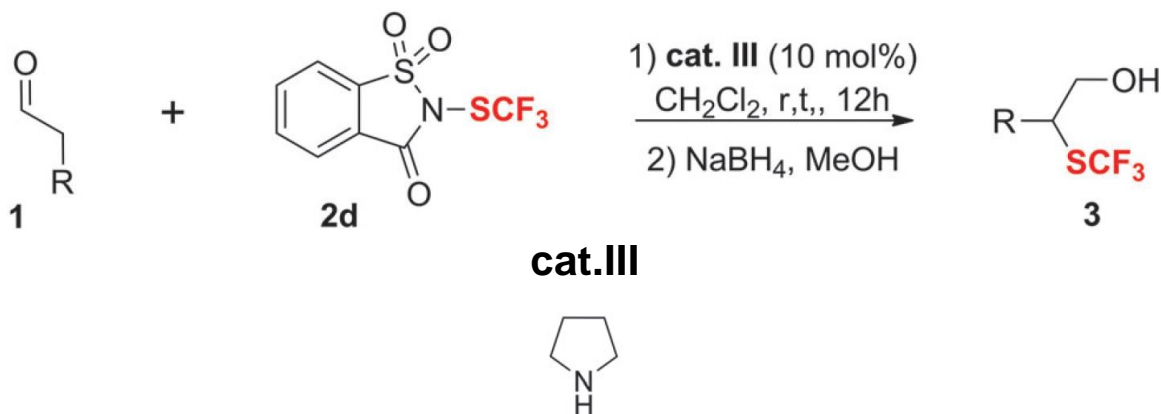


## New Journal of Chemistry

Efficient catalytic  $\alpha$ -trifluoromethylthiolation of Aldehydes

Liqiang Hu, Minghu Wu, Huixin Wan, Jian Wang, Gangqiang Wang, Haibin Guoa and Shaofa Sun

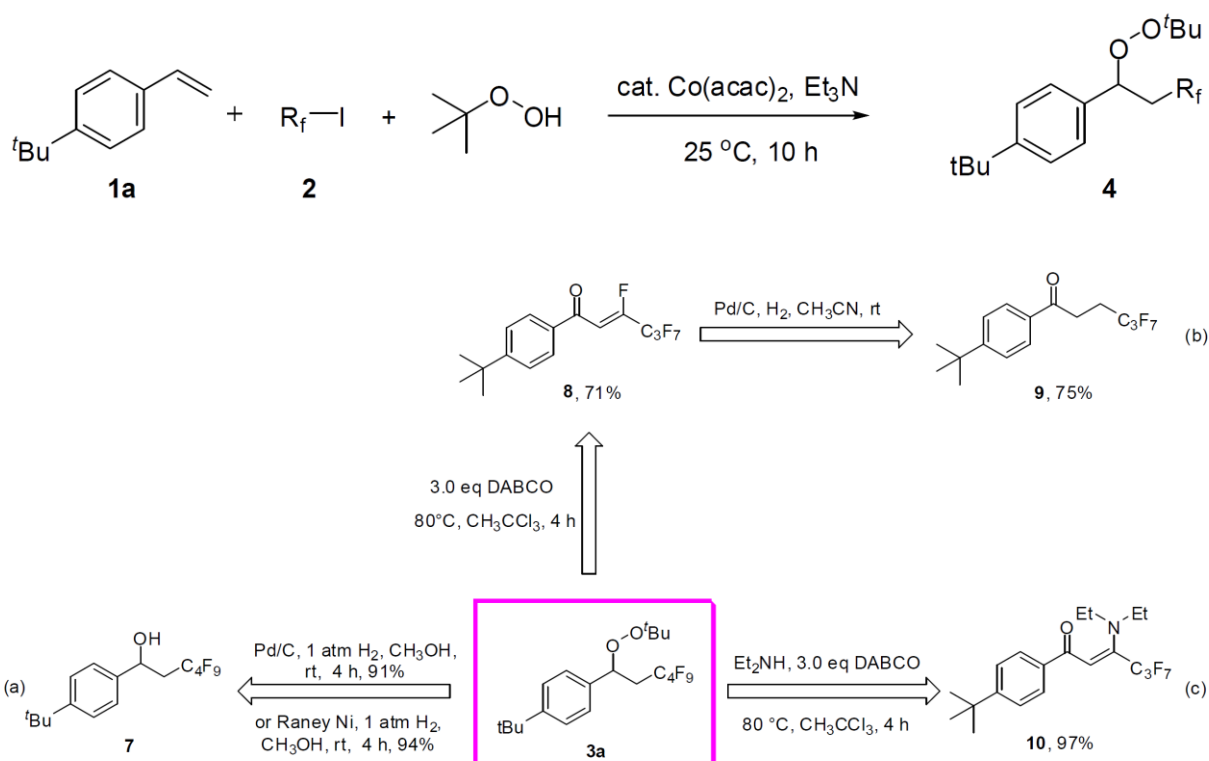
New J. Chem., 2016, 40, 6550-6553



**Difunctionalization of Styrenes with Perfluoroalkyl and tert-Butylperoxy Radicals: Room Temperature Synthesis of (1-(tert-Butylperoxy)-2-perfluoroalkyl)-ethylbenzene**

Erbo Shi, Jiajun Liu, Chunmei Liu, Ying Shao, Hanghang Wang, Yuanzheng Lv, Meishan Ji, Xiaoguang Bao, and Xiaobing Wan

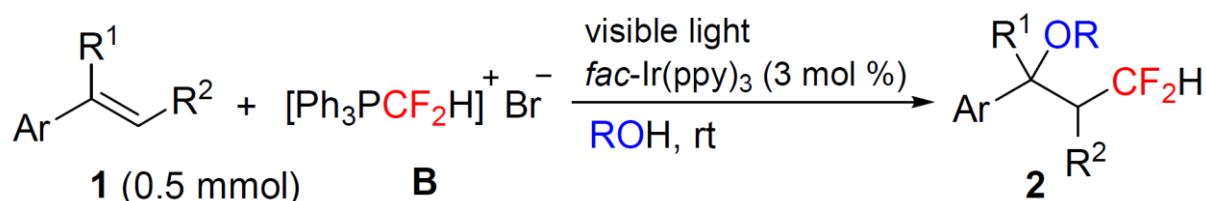
J. Org. Chem., 2016, 81, 5878-5885



**Visible Light-Induced Oxydifluoromethylation of Styrenes with Difluoromethyltriphenylphosphonium Bromide**

Yang Ran, Qing-Yu Lin, Xiu-Hua Xu, and Feng-Ling Qing

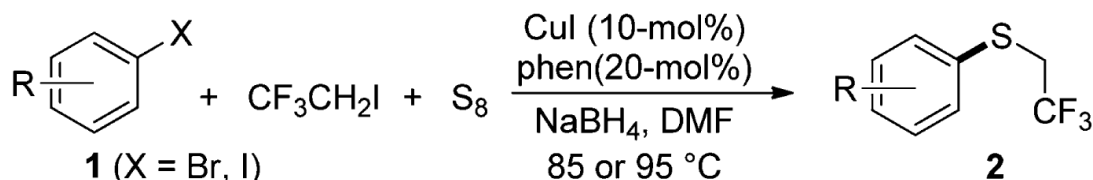
J. Org. Chem., 2016, 81, 7001-7007



## Copper-Catalyzed 2,2,2-Trifluoroethylthiolation of Aryl Halides

Shouxiong Chen, Mengjia Zhang, Xuebin Liao, and Zhiqiang Weng

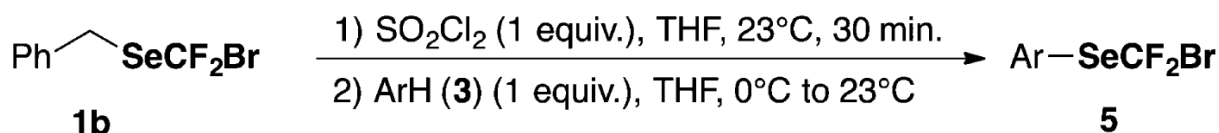
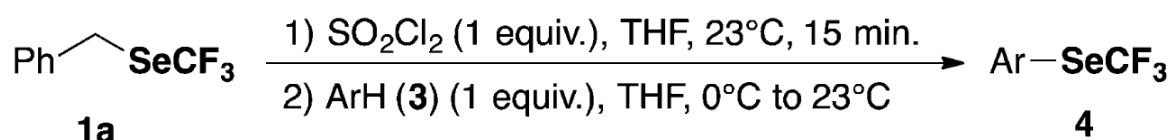
J. Org. Chem., 2016, 81, 7993-8000



## Benzyltrifluoromethyl (or Fluoroalkyl) Selenide: Reagent for Electrophilic Trifluoromethyl (or Fluoroalkyl) Selenolation

Quentin Glenadel, Ermal Ismalaj, and Thierry Billard

J. Org. Chem., 2016, 81, 8268-8275



## Asymmetric Allylation/RCM-Mediated Synthesis of Fluorinated Benzo-Fused Bicyclic Homoallylic Amines As Dihydronaphthalene Derivatives

Daniel M. Sedgwick, Pablo Barrio, Antonio Simón, Raquel Román, and Santos Fustero

J. Org. Chem., 2016, 81, 8876-8887

