

## Chemistry – An Asian Journal

### One-Pot Assembly of 2-Trifluoromethyl Benzothiazole and Benzoselenazole via Copper-Mediated Three-Component Cascade Reaction

Yangjie Huang, Chenhui You, Biqiong Hong, Xiaoyan Han, and Zhiqiang Weng

Chem Asian J., 2024, 19, e202400331  
<https://doi.org/10.1002/asia.202400331>



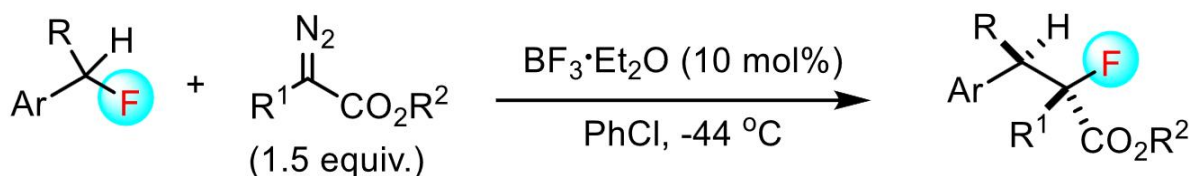
21 examples  
yield up to 93%

## Chinese Chemical Letters

### C-F insertion reaction sheds new light on the construction of fluorinated compounds

Dong-Sheng Deng, Su-Qin Tang, Yong-Tu Yuan, Ding-Xiong Xie, Zhi-Yuan Zhu, Yue-Mei Huang, Yun-Lin Liu

Chinese Chemical Letters, 2024, 35, 109417  
<https://doi.org/10.1016/j.ccllet.2023.109417>



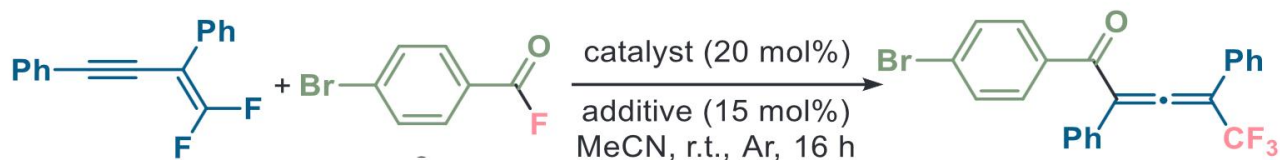
yield up to 93%

## Acylation of enynes via phosphine and silver catalysis

Yu Mao, Yilin Liu, Xiaochen Wang, Shengyang Ni, Yi Pan, Yi Wang

Chinese Chemical Letters, 2024, 35, 109443

<https://doi.org/10.1016/j.ccllet.2023.109443>



9 examples  
yield up to 93%

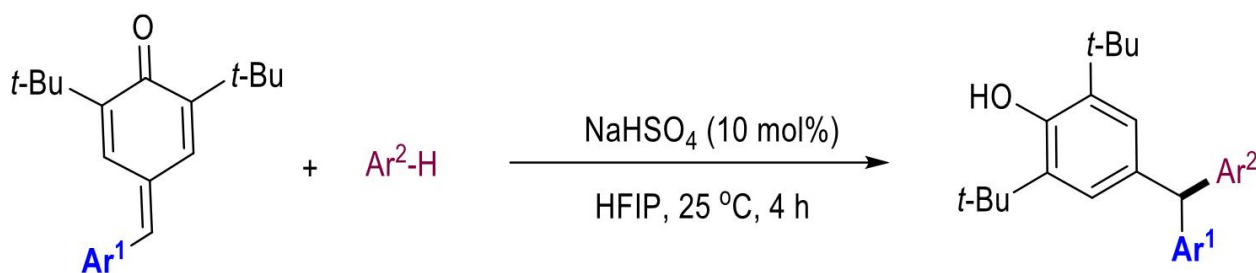
## Tetrahedron

### HFIP-promoted synthesis of imidazo [1,2-a]pyridines containing CF<sub>3</sub>-substituted tertiary alcohols at room temperature

Juanjuan Gao, Xiaohua Guo, Zhaowen Liu, Yifan Cao

Tetrahedron, 2024, 156, 133943

<https://doi.org/10.1016/j.tet.2024.133943>



34 examples  
yield up to 99%

# 1,1,1,3,3,3-Hexafluoro-2-propanol (HFIP)-promoted regioselective 1,6-hydroarylation of para-quinone methides with N-heteroarenes: Synthesis of unsymmetrical triarylmethanes

Haiyan Xu, Chongyao Liang, Junyu Zhu, Ying-Guo Liu

Tetrahedron, 2024, 156, 133982

<https://doi.org/10.1016/j.tet.2024.133982>



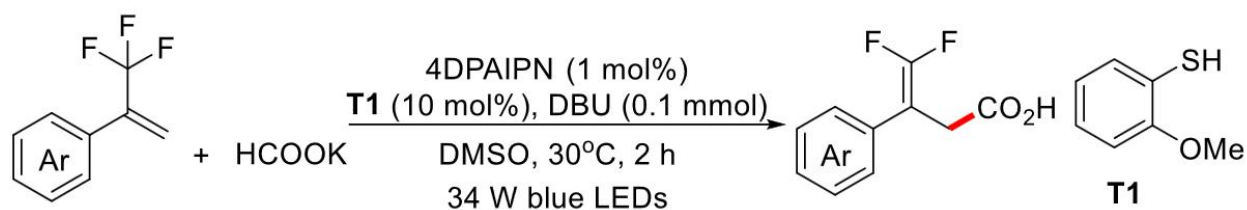
25 examples  
yield up to 89%

# Visible light induced selective cleavage of single C(sp<sup>3</sup>)-F bond in trifluoromethyl groups containing compounds

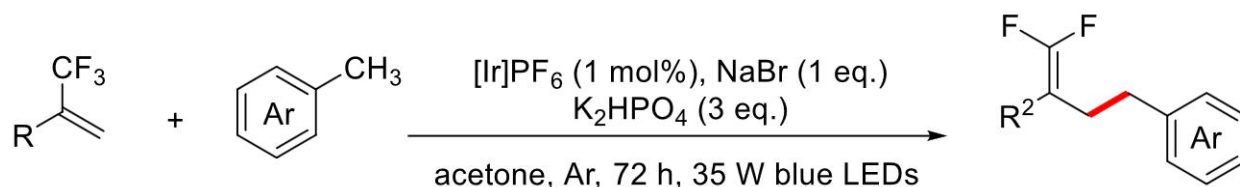
Fang Wang, Qidi Wang, Lei Wang

Tetrahedron, 2024, 156, 134155

<https://doi.org/10.1016/j.tet.2024.134155>



yield up to 87%



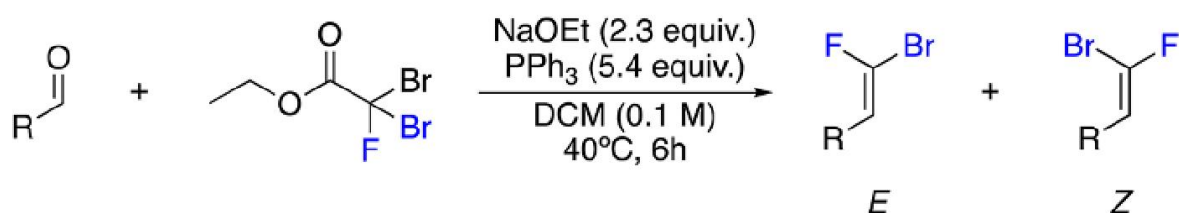
yield up to 68%

Synthesis of gem-bromofluoroolefins  
using singlet bromofluorocarbene generated from ethyl  
dibromofluoroacetate via a Wittig-type reaction

Matthew Coe, Fanni Bede, Christopher J. Koch, Danelle Daria Espiritu,  
G. K. Surya Prakash

Journal of Fluorine Chemistry, 2024, 276, 110278

<https://doi.org/10.1016/j.jfluchem.2024.110278>



22 examples  
yield up to 91%