

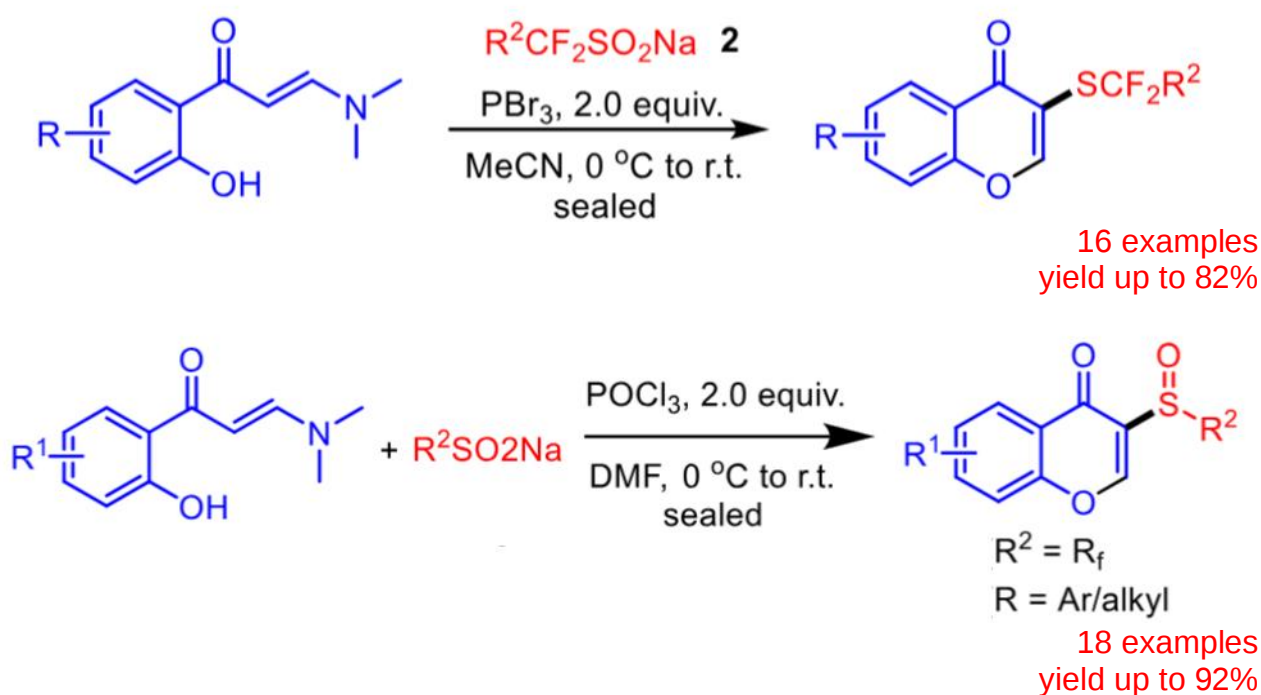
Chinese Chemical Letters

Transition metal-free tunable synthesis of 3-(trifluoromethylthio) and 3-trifluoromethylsulfinyl chromones via domino C–H functionalization and chromone annulation of enaminones

Tao Zhou, Jing Zhou, Yunyun Liu, Jie-Ping Wan, Fen-Er Chen

Chinese Chemical Letters, 2024, 35, 109683

<https://doi.org/10.1016/j.cclet.2024.109683>

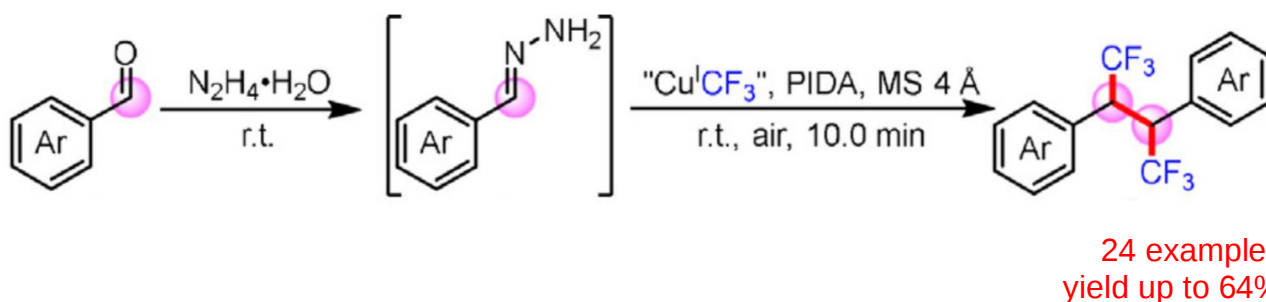


Trifluoromethylative homo-coupling of carbonyl compounds

Xinlong Han, Huiying Zeng, Chao-Jun Li

Chinese Chemical Letters, 2024, 35, 109817

<https://doi.org/10.1016/j.cclet.2024.109817>

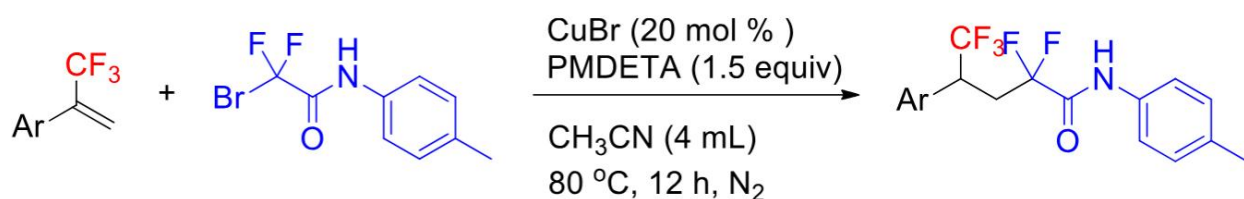


Tetrahedron Letters

Practical cuprous catalyzed anti-Markovnikov difluoroacetamidation of α -(trifluoromethyl)styrenes

Qian-Ding Zeng, Hongmiao Yao, Xinxin Yuan, Jian Wang, Bu-Bing Zeng, Jiangmeng Ren, Wu-Lin Yang

Tetrahedron Letters, 2024, 151, 155310
<https://doi.org/10.1016/j.tetlet.2024.155310>

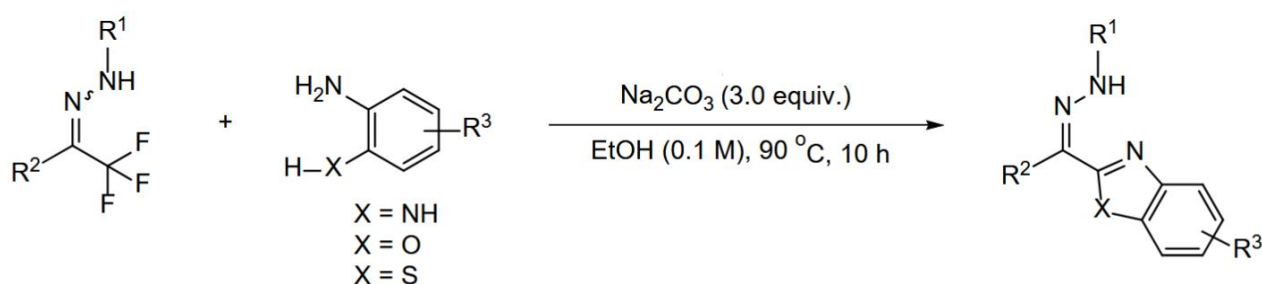


24 examples
yield up to 84%

Anion-driven C–F bond cleavage of trifluoromethyl N-aryl hydrazones toward the assembly of N-heterocycles

Qijie Zou, Qingyu Meng, Jingyuan Wang, Fangyi Li

Tetrahedron Letters, 2024, 151, 155328
<https://doi.org/10.1016/j.tetlet.2024.155328>



34 examples
yield up to 81%

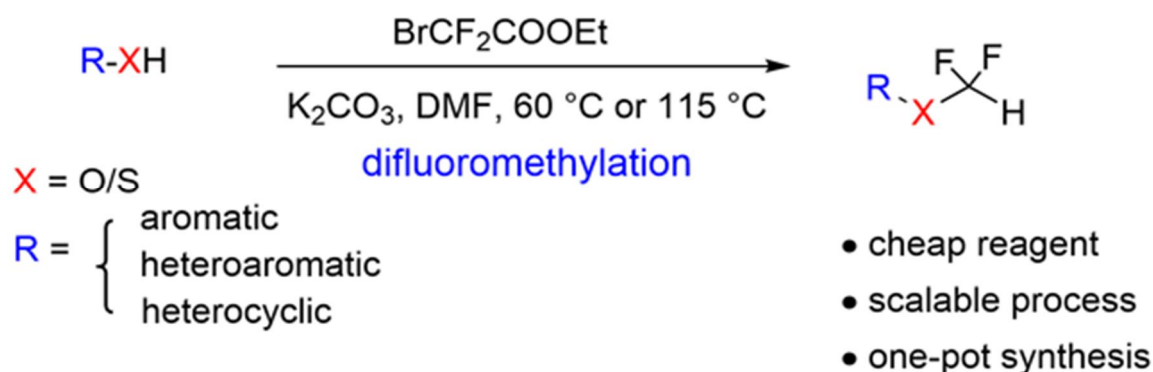
Synlett

Facile In Situ Difluoromethylation of Phenols and Thiols Using Ethyl Bromodifluoroacetate and K_2CO_3

Bharat D. Dond, Vijay P. Chavan, Shivaji N. Thore

Synlett 2024; 35(16): 1909-1913

<https://doi.org/10.1055/s-0042-1751564>



Synthesis

Boosting Sulfonylation Reactions between Vinyl Triflates and Alkenes toward β -Ketosulfones Using Aqueous Sulfurous Acid

Takuji Kawamoto, Yuki Takeda, Takahiro Kawabata, Akio Kamimura

Synthesis 2024; 56(21), 3334-3340

<https://doi.org/10.1055/a-2295-8117>

