

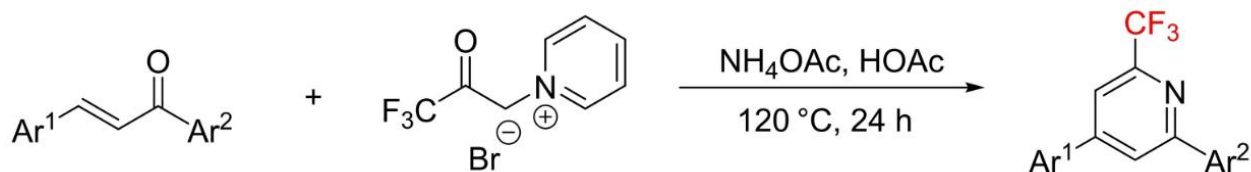
European Journal of Organic Chemistry

Synthesis of 2-Trifluoromethyl Pyridines through Multicomponent Kröhnke Reaction

Biqiong Hong, Yun Teng, Zheng Fang, Wei Wu, Zhiqiang Weng

Eur. J. Org. Chem. 2024, 27, e202400299

<https://doi.org/10.1002/ejoc.202400299>



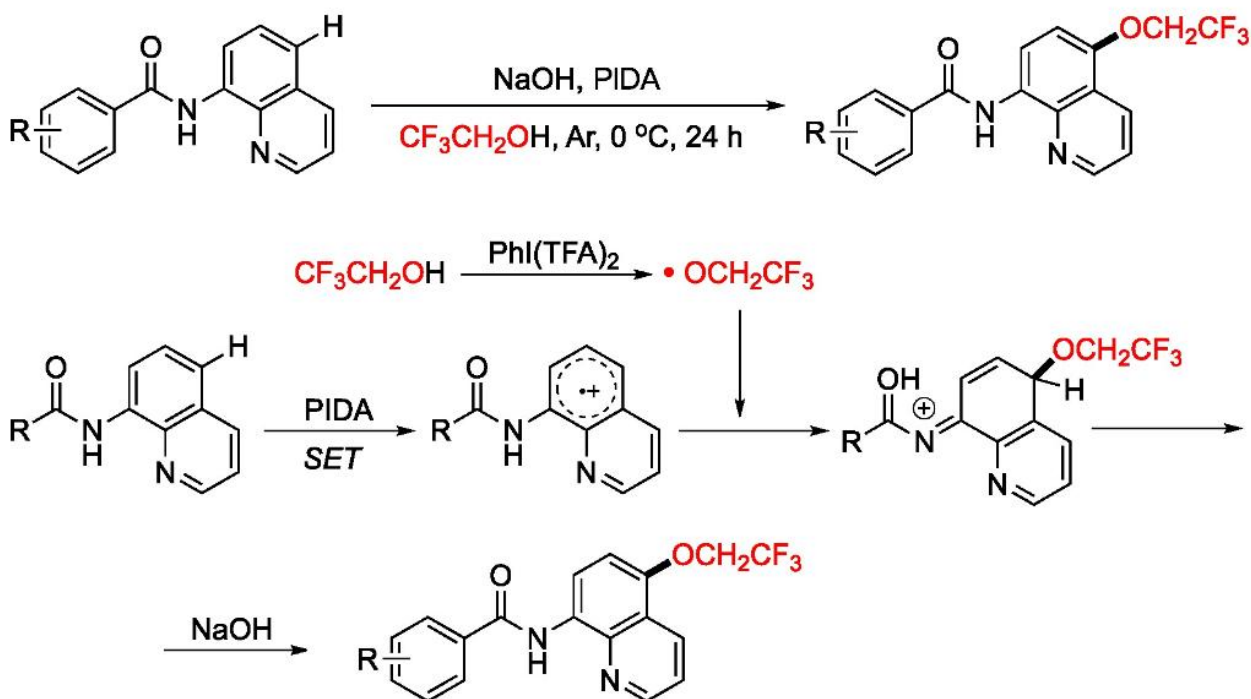
21 examples
yield up to 92%

Fluoroalkoxylating Reagents in Organic Synthesis: Recent Advances

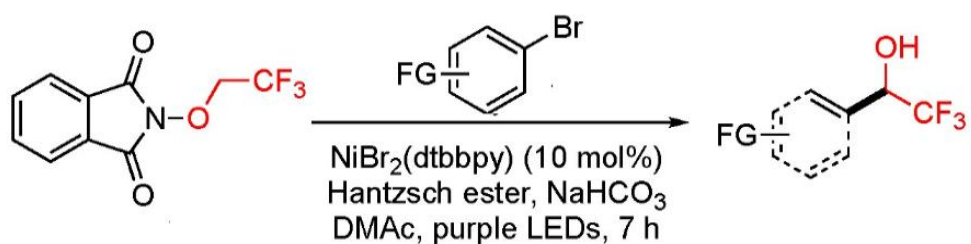
Mingxi Chen, Quande Wang

Eur. J. Org. Chem. 2024, 27, e202400316

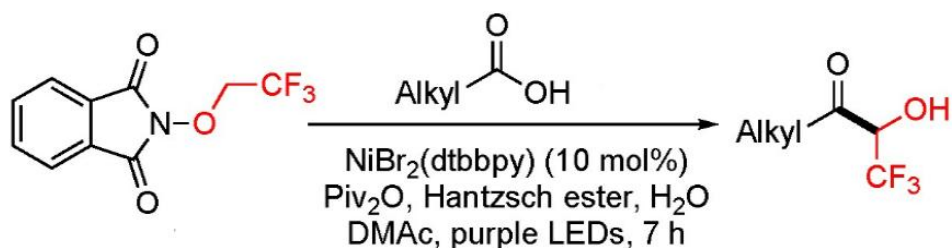
<https://doi.org/10.1002/ejoc.202400316>



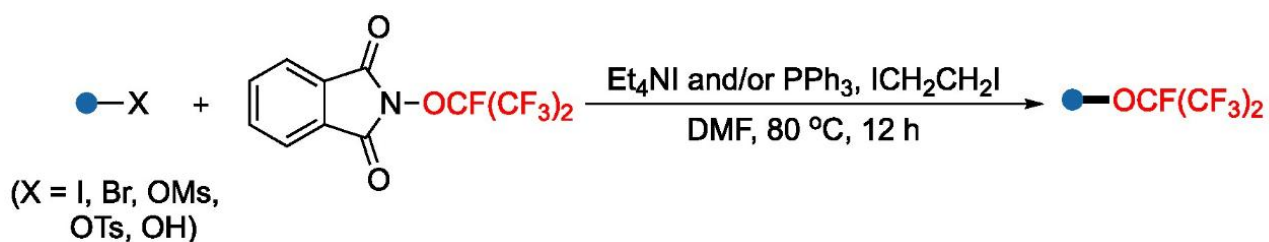
3 examples
yield up to 61%



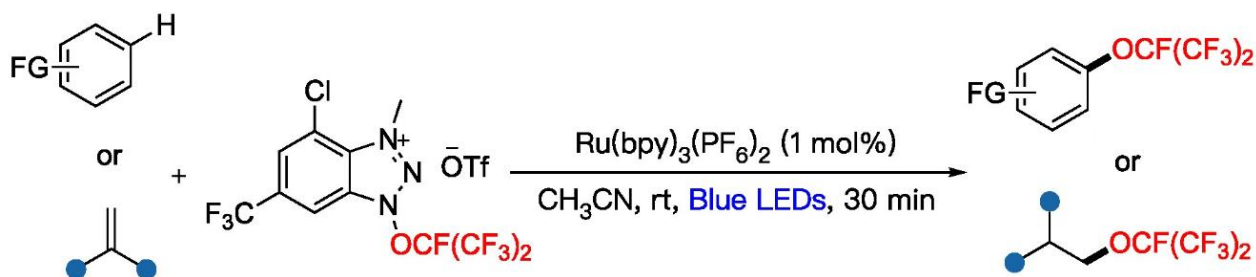
5 examples
yield up to 80%



4 examples
yield up to 74%



6 examples
yield up to 83%



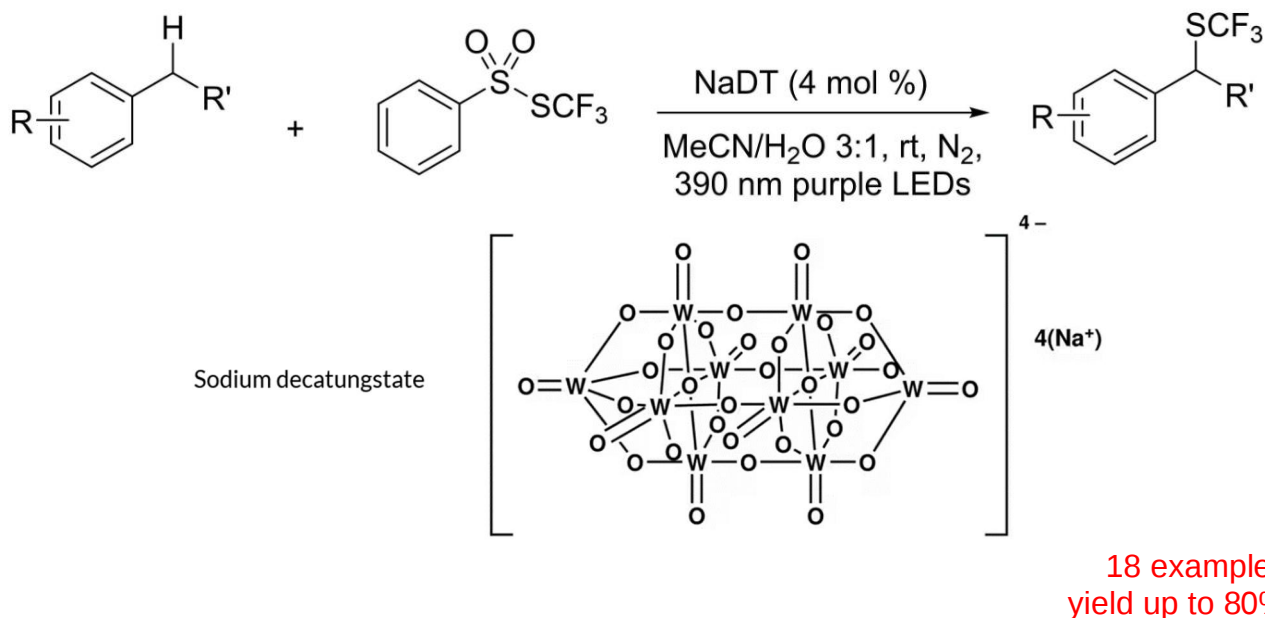
4 examples
yield up to 72%

Decatungstate Catalyzed Benzylic C-H Trifluoromethylthiolation

Meifang Tang, Yanyang Bao, Han Zhang, Rui Xiao, Bingbing Feng, Zheliang Yuan, Yanan Wang

Eur. J. Org. Chem. 2024, 27, e202400346

<https://doi.org/10.1002/ejoc.202400346>

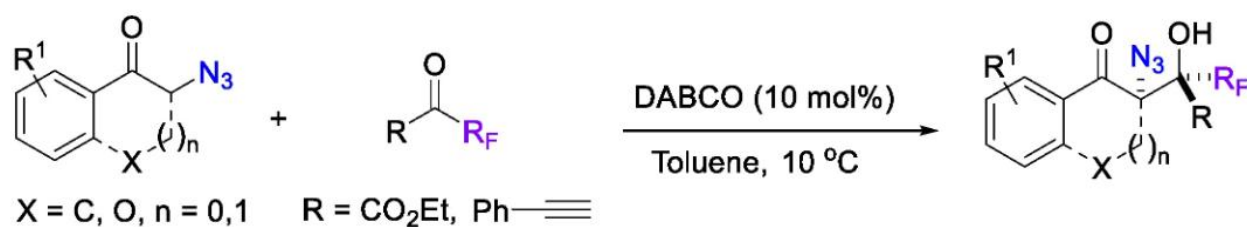


Diastereoselective Aldol Reaction of α -Azido Ketones with α -CF₃ Pyruvate to Organoazides with Vicinal Tetrasubstituted Carbons

Yang Gao, Xue-Xin Zhang, Zhi Tu, Jin-Sheng Yu, Jian Zhou

Eur. J. Org. Chem. 2024, 27, e202400348

<https://doi.org/10.1002/ejoc.202400348>



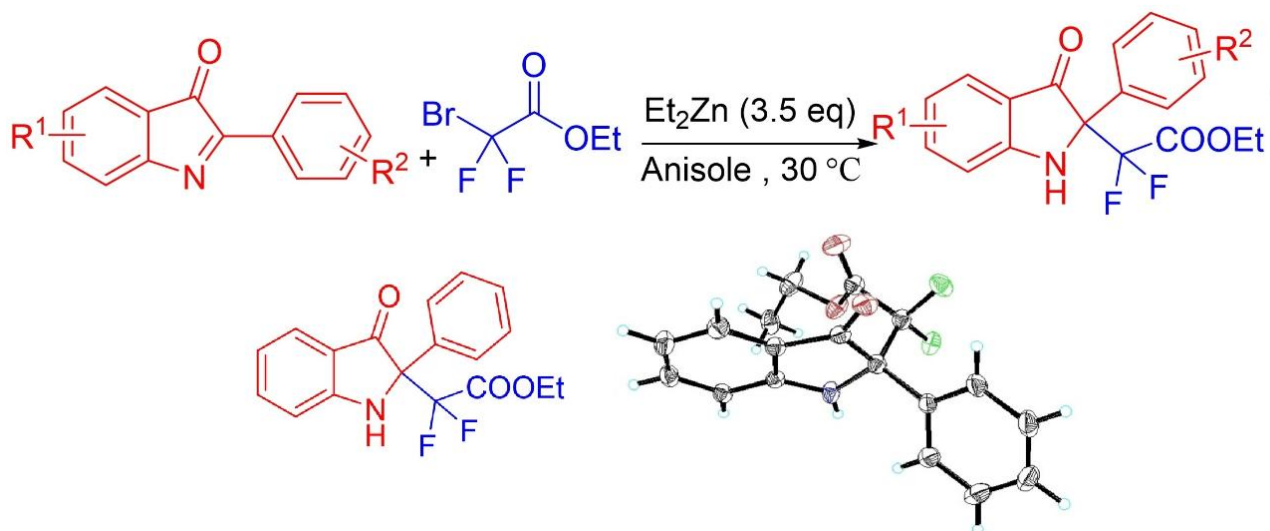
22 examples
yield up to 96%

Synthesis of Fluorine-Containing C2-Tetrasubstituted Indolin-3-ones via Rapid Incorporation of Difluoroacetate Radical Into 2-Aryl-3H-indol-3-ones

Qian Li, Shi-Na Zhao, Ganpeng Li, Yonghui He, Xiao-Jing Zhao

Eur. J. Org. Chem. 2024, 27, e202400447

<https://doi.org/10.1002/ejoc.202400447>



24 examples
yield up to 95%