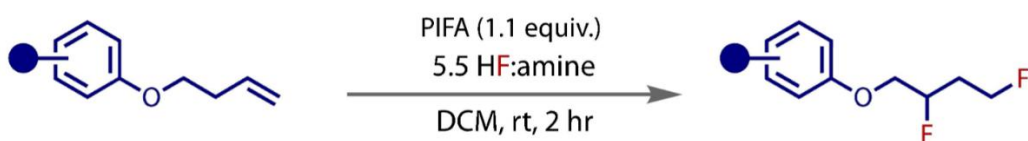


Alkene 1,3-Difluorination via Transient Oxonium Intermediates

Dr. Alice C. Dean, E. Harvey Randle, Andrew J. D. Lacey, Guilherme A. Marczak Giorio,
Dr. Sayad Doobary, Dr. Benjamin D. Cons, Dr. Alastair J. J. Lennox

Angew. Chem. Int. Ed. 2024, 63, e202404666

<https://doi.org/10.1002/anie.202404666>



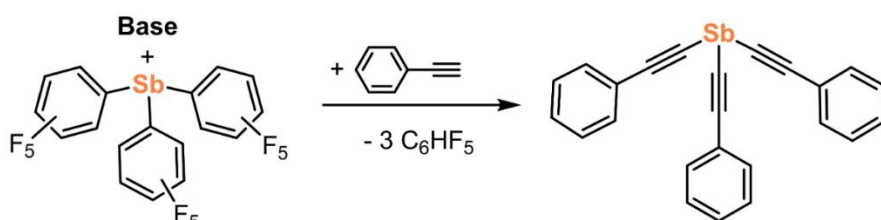
27 examples
yield up to 48%

Facile Access to Organostibines via Selective Organic SuperbaseCatalyzed Antimony-Carbon Protonolysis

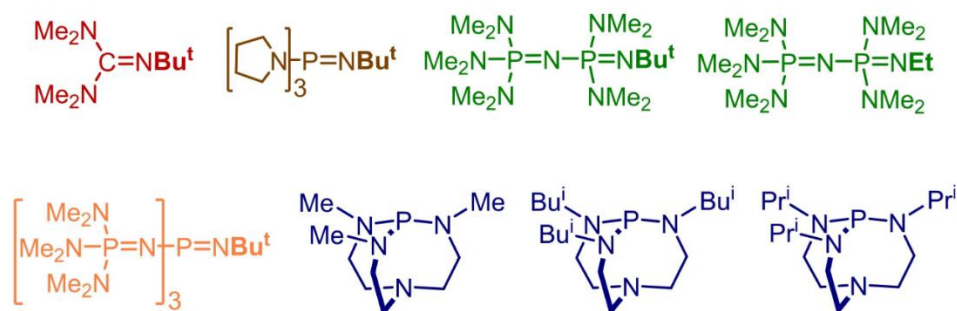
Jacob Culvyhouse, Dr. Daniel K. Unruh, Prof. Dr. Hans Lischka, Prof. Dr. Adelia J. A. Aquino, Prof. Dr. Clemens Krempner

Angew. Chem. Int. Ed. 2024, 63, e202407822

<https://doi.org/10.1002/anie.202407822>



Bases



8 examples
yield up to 99%

Cu-Electrocatalysis Enables Vicinal Bis(difluoromethylation) of Alkenes: Unraveling Dichotomous Role of $\text{Zn}(\text{CF}_2\text{H})_2(\text{DMPU})_2$ as Both Radical and Anion Source

Seonyoung Kim and Hyunwoo Kim

J. Am. Chem. Soc. 2024, 146, 32, 22498-22508

<https://doi.org/10.1021/jacs.4c06207>

