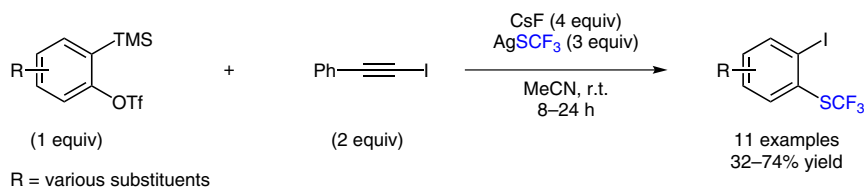


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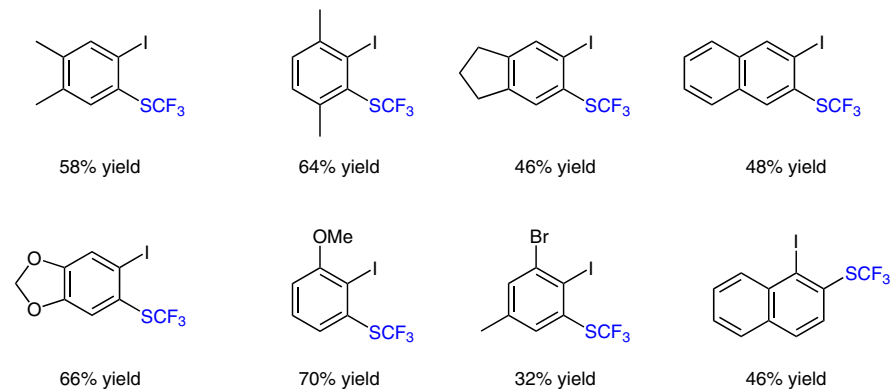
Silver-Mediated Trifluoromethylthiolation–Iodination of Arynes

*Org. Lett.* **2016**, *18*, 856–859.

## Trifluoromethylation of Arynes



### Selected examples:



**Significance:** Zeng and Hu developed a one-pot reaction for the vicinal trifluoromethylthiolation–iodination of arynes. The reaction allows rapid construction of *ortho*-trifluoromethylthiolated arene building blocks in moderate yields. Furthermore, the iodination step not only reduces the extent of undesired aryne insertion of ArAg species but also offers the prospect of additional elaborations.

**Comment:** Interestingly, the authors show that these *ortho*-trifluoromethylthiolated iodoarenes can be used as key precursors for performing Yagupolskii–Umemoto-type electrophilic trifluoromethylation reactions.

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Synfacts 2016, 12(5), 0514 Published online: 18.04.2016

**DOI:** 10.1055/s-0035-1561989; **Reg-No.:** P03216SF