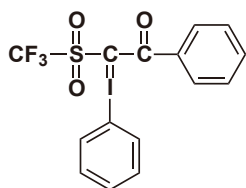
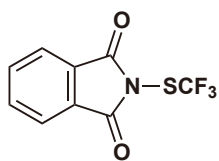
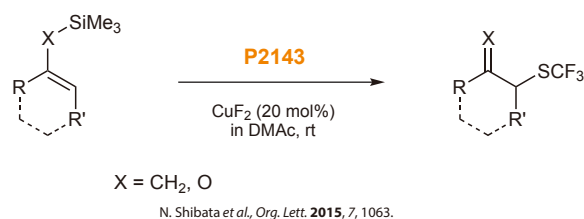
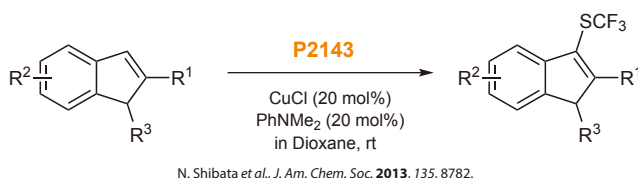


Trifluoromethylthiolation Reagents

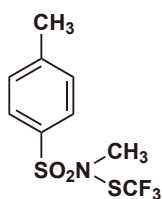
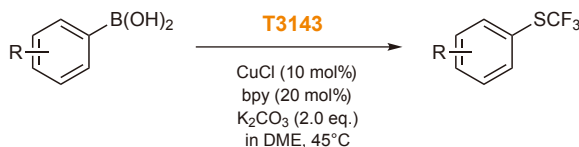
The trifluoromethylthio group has attracted attention as a potentially-significant functional group in the pharmaceutical and agrochemical fields because of its strong electron-withdrawing effect and high lipophilicity.



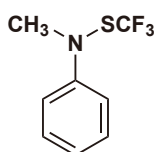
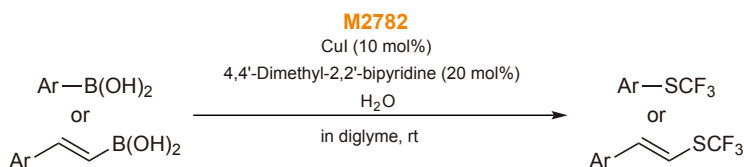
Shibata Reagent II
1g / 5g
[P2143]



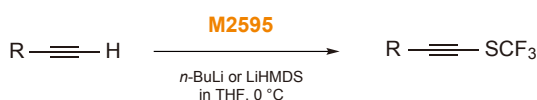
**N-(Trifluoromethylthio)-
phthalimide**
1g / 5g
[T3143]



**N-Methyl-N-[(trifluoromethylthio)-
p-toluenesulfonamide**
1g / 5g
New [M2782]



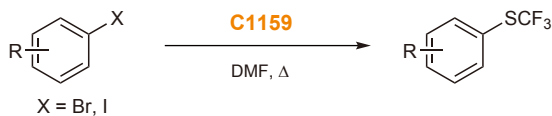
**N-Methyl-
N-(trifluoromethylthio)aniline**
200mg / 1g
[M2595]



Trifluoromethylthiation Reagents

CF₃SCu

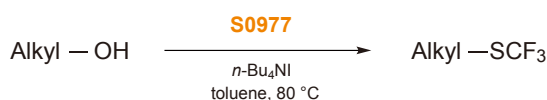
**Copper(I)
Trifluoromethanethiolate**
1g / 5g
[C1159]



D. C. Remy et al., *J. Org. Chem.* **1976**, 41, 1644.

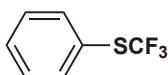
CF₃SAg

**Silver(I)
Trifluoromethanethiolate**
1g / 5g
[S0977]

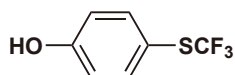


F. Qing et al., *Angew. Chem. Int. Ed.* **2015**, 54, 897.

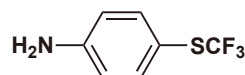
Trifluoromethylthiolated Building Blocks



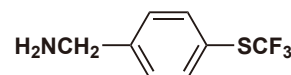
**(Trifluoromethylthio)-
benzene**
5g / 25g
[P1693]



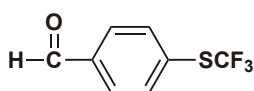
**4-(Trifluoromethylthio)-
phenol**
5g / 25g
[T2458]



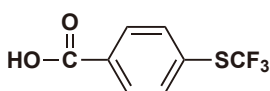
**4-(Trifluoromethylthio)-
aniline**
5g / 25g
[T2775]



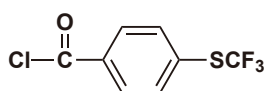
**4-(Trifluoromethylthio)-
benzylamine**
1g / 5g
[T2763]



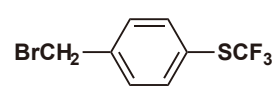
**4-(Trifluoromethylthio)-
benzaldehyde**
5g / 25g
[T2405]



**4-(Trifluoromethylthio)-
benzoic Acid**
5g / 25g
[T2390]



**4-(Trifluoromethylthio)-
benzoyl Chloride**
5g / 25g
[T2745]



**4-(Trifluoromethylthio)-
benzyl Bromide**
1g / 5g
[T2391]

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trifluoromethylthio



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