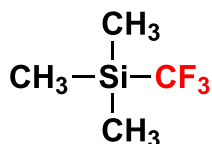


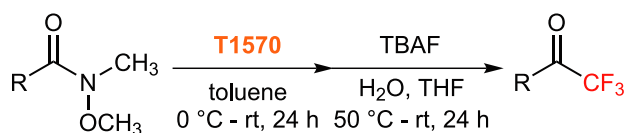
# 三氟甲基化试剂



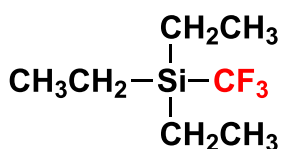
## Ruppert-Prakash Reagent

1g / 5g / 25g

[T1570]



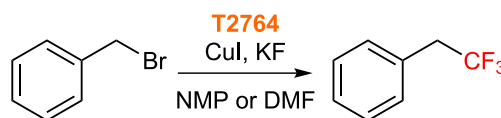
References N. E. Leadbeater et al., *Chem. Commun.* **2012**, 48, 9610.  
<http://doi.org/10.1039/C2CC35037H>



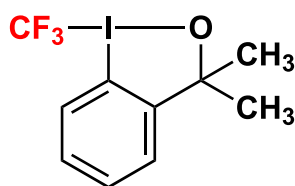
## Triethyl(trifluoromethyl)silane

1g / 5g

[T2764]



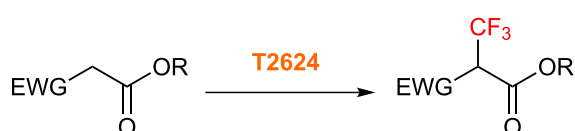
References H. Urata, T. Fuchikami, *Tetrahedron Lett.* **1991**, 32, 91.  
[https://doi.org/10.1016/S0040-4039\(00\)71226-3](https://doi.org/10.1016/S0040-4039(00)71226-3)



## Togni Reagent

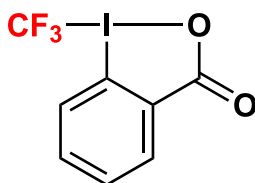
1g / 5g

[T2624]



(EWG: electron withdrawing group)

References A. Togni et al., *Angew. Chem. Int. Ed.* **2009**, 48, 4332.  
<https://doi.org/10.1002/anie.200900974>

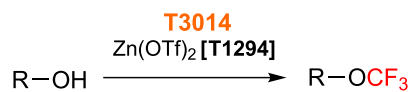


## Togni Reagent II

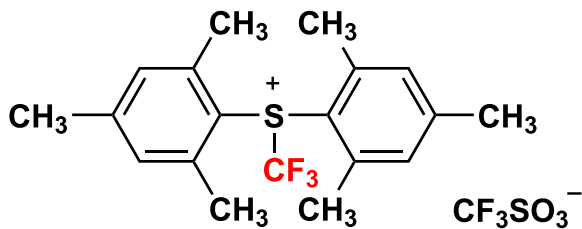
(contains 60% Diatomaceous earth)

1g / 5g

[T3014]

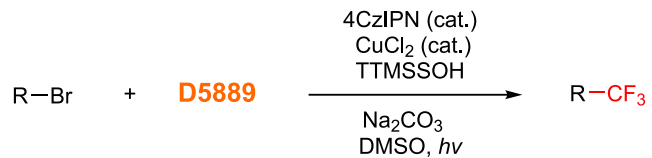


References A. Togni et al., *Angew. Chem. Int. Ed.* **2007**, 46, 754.  
<https://doi.org/10.1002/anie.200603497>

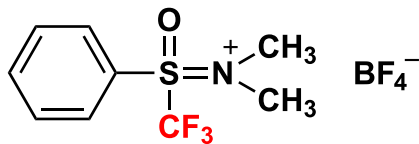


**Dimesityl(trifluoromethyl)sulfonium  
Trifluoromethanesulfonate**

1g / 10g  
[D5889]

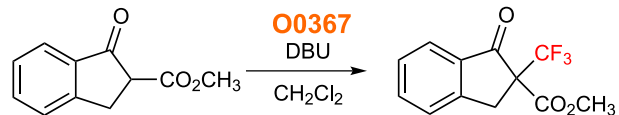


References D. J. P. Kornfilt, D. W. C. MacMillan, *J. Am. Chem. Soc.* **2019**, *141*, 6853.  
<https://doi.org/10.1021/jacs.9b03024>

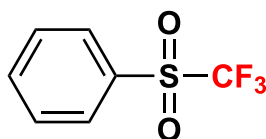


**Shibata Reagent I**

200mg / 1g  
[O0367]

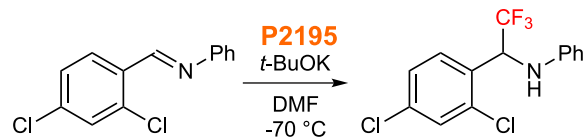


References N. Shibata et al., *Eur. J. Org. Chem.* **2008**, 3465.  
<https://doi.org/10.1002/ejoc.200800419>

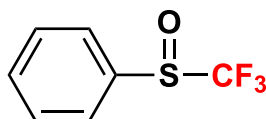


**Phenyl Trifluoromethyl  
Sulfone**

1g / 5g  
[P2195]

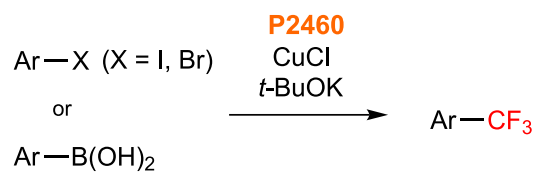


References G. K. S. Prakash et al., *Org. Lett.* **2010**, *12*, 2932.  
<https://doi.org/10.1021/ol100918d>

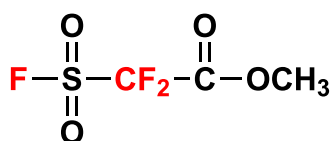


**Phenyl Trifluoromethyl  
Sulfoxide**

1g / 5g  
[P2460]

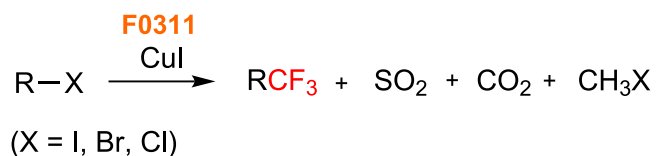


References J. Hu et al., *Org. Lett.* **2015**, *17*, 298.  
<https://doi.org/10.1021/ol5034018>

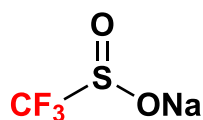


**Methyl  
Difluoro(fluorosulfonyl)acetate**

5g / 25g  
[F0311]



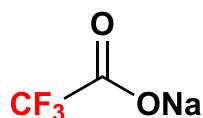
References Q.-Y. Chen, S.-W. Wu, *J. Chem. Soc., Chem. Commun.* **1989**, 705.  
<https://doi.org/10.1039/C39890000705>



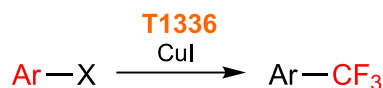
**Langlois Reagent**  
5g / 25g  
[T2033]



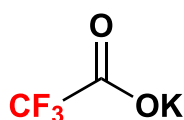
References M. S. Sanford et al., *Org. Lett.* **2012**, 14, 4979.  
<https://doi.org/10.1021/ol3022726>



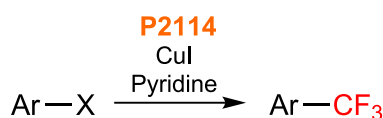
**Sodium Trifluoroacetate**  
25g / 100g / 500g  
[T1336]



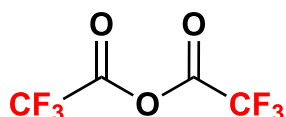
References K. Matsui, E. Tobita, M. Ando, K. Kondo, *Chem. Lett.* **1981**, 1719.  
<https://doi.org/10.1246/cl.1981.1719>



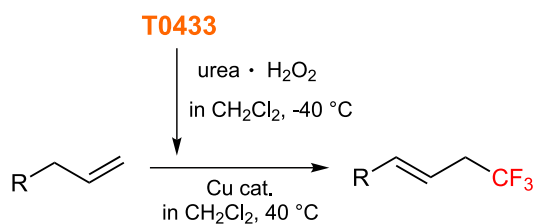
**Potassium Trifluoroacetate**  
25g / 100g  
[P2114]



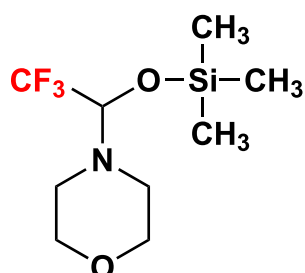
References S. L. Bachwald et al., *Angew. Chem. Int. Ed.* **2013**, 52, 11628.  
<https://doi.org/10.1002/anie.201306094>



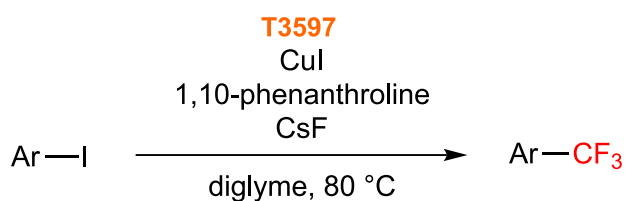
**Trifluoroacetic Anhydride**  
20mL / 100mL / 400mL  
[T0433]



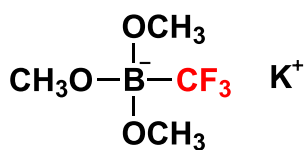
References M. Sodeoka et al., *Angew. Chem. Int. Ed.* **2016**, 55, 8740.  
<https://doi.org/10.1002/anie.201604127>



**4-[2,2,2-Trifluoro-1-[(trimethylsilyl)oxy]ethyl]morpholine**  
1g / 5g  
[T3597]



References H. Kondo, M. Oishi, K. Fujikawa, H. Amii, *Adv. Synth. Catal.* **2011**, 353, 1247.  
<https://doi.org/10.1002/adsc.201000825>

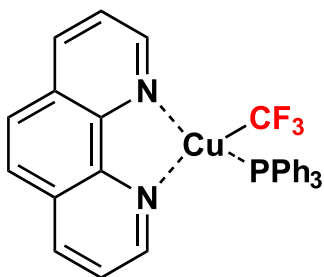


**Potassium Trimethoxy(trifluoromethyl)borate**

5g / 25g  
[P2036]



References A. D. Dilman et al., *Tetrahedron Lett.* **2011**, 52, 281.  
<https://doi.org/10.1016/j.tetlet.2010.11.025>

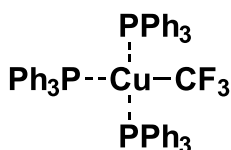


**(1,10-Phenanthroline)(trifluoromethyl)-(triphenylphosphine)copper(I)**

1g / 5g  
[P2172]

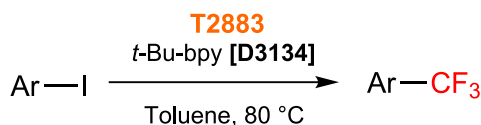


References V. V. Grushin et al., *Angew. Chem. Int. Ed.* **2011**, 50, 7655.  
<https://doi.org/10.1002/anie.201101577>

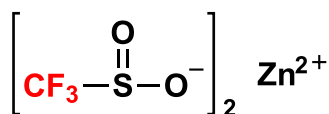


**(Trifluoromethyl)tris(triphenylphosphine)copper(I)**

1g / 5g  
[T2883]

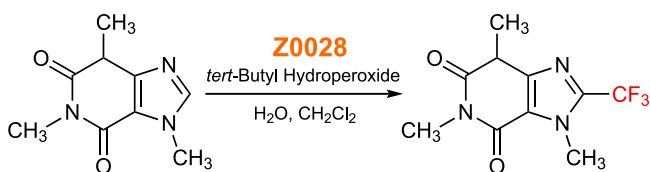


References V. V. Grushin et al., *Angew. Chem. Int. Ed.* **2011**, 50, 7655.  
<https://doi.org/10.1002/anie.201101577>



**Zinc(II) Trifluoromethanesulfinate**

1g / 5g  
[Z0028]



References P. S. Baran et al., *Nature* **2012**, 492, 95.  
<https://doi.org/10.1038/nature11680>

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