

New

CHEMISTRY

TCI

# 用于三氟甲基化和均三甲基苯基化的𬀓盐



Dimesityl(trifluoromethyl)sulfonium  
Trifluoromethanesulfonate

1g / 10g

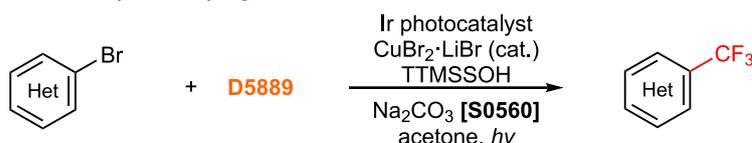
[D5889]

## 优势

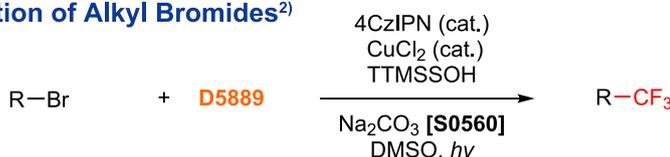
- 通过光氧化还原反应实现(杂)芳基溴化物和烷基溴化物的三氟甲基化
- 在交叉偶联中用作均三甲基苯基化试剂

## 应用

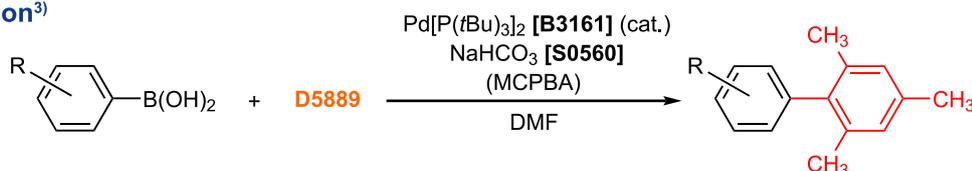
### Trifluoromethylation of (Hetero)aryl Bromides<sup>1)</sup>



### Trifluoromethylation of Alkyl Bromides<sup>2)</sup>



### Mesitylation<sup>3)</sup>



参考文献 1) C. Le, T. Q. Chen, T. Liang, P. Zhang, D. W. C. MacMillan, *Science* **2018**, *360*, 1010. DOI: <https://doi.org/10.1021/jacs.9b03024>  
2) D. J. P. Kornfilt, D. W. C. MacMillan, *J. Am. Chem. Soc.* **2019**, *141*, 6853. DOI: <https://doi.org/10.1002/chem.201600991>  
3) S.-M. Wang, X.-Y. Wang, H.-L. Qin, C.-P. Zhang, *Chem. Eur. J.* **2016**, *22*, 6542. DOI: <https://doi.org/10.1126/science.aat4133>

## 相关产品

Sodium Carbonate

300g [S0560]

Bis(tri-*tert*-butylphosphine)palladium(0)

250mg / 1g [B3161]

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梯希爱(上海)化成工业发展有限公司  
[www.TCIchemicals.com](http://www.TCIchemicals.com)

询价与订购联系方式:

电话: 800-988-0390/021-6712-1386

传真: 021-6712-1385 邮件: [Sales-CN@TCIchemicals.com](mailto:Sales-CN@TCIchemicals.com)

地址: 上海化学工业区普工路96号 邮编: 201507