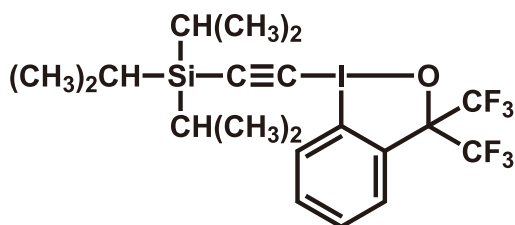
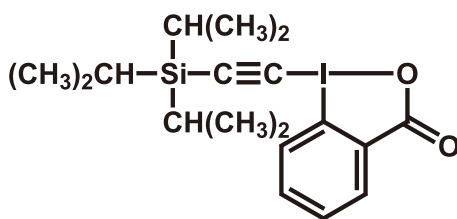


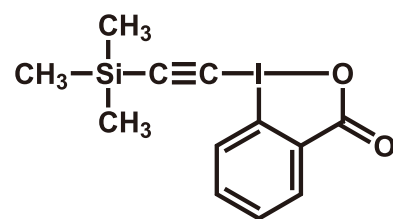
乙炔化用高价碘试剂



[T3590]



[T3039]



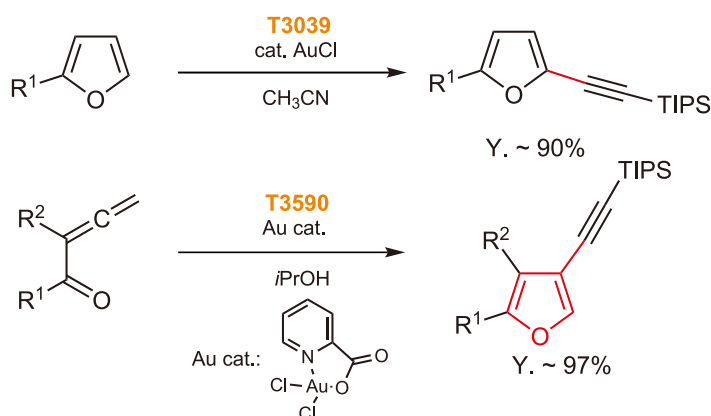
[T3272]

优势

- 有效地与金属催化剂进行区域选择性乙炔化
- 有效地构建杂环和1,3-二炔
- 适用于无重金属的乙炔化

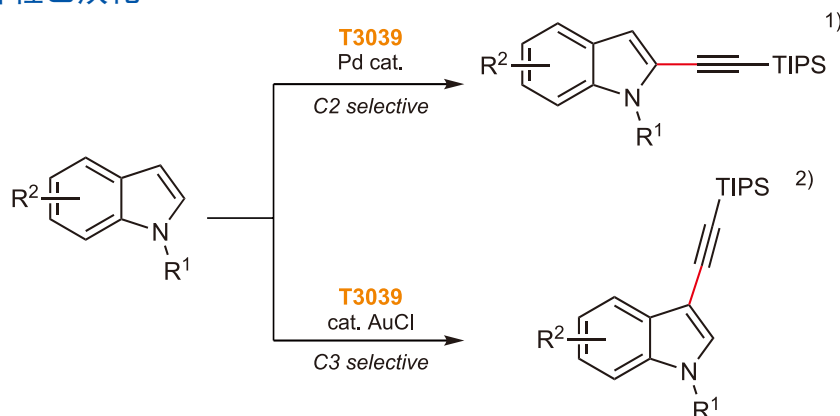
应用

金催化区域选择性合成乙炔呋喃



Y. Li, J. P. Brand, J. Waser, *Angew. Chem. Int. Ed.* **2013**, 52, 6743.

吲哚的区域选择性乙炔化

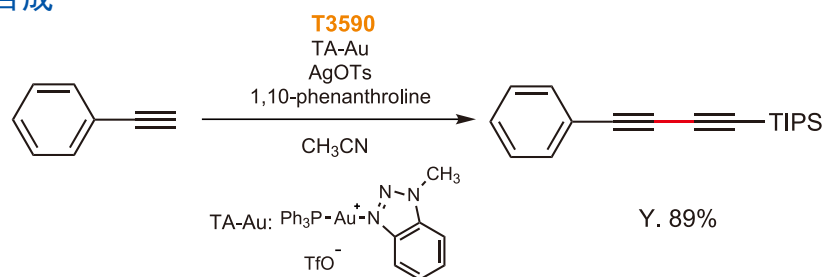


1) G. L. Tolnai, S. Ganss, J. P. Brand, J. Waser, *Org. Lett.* **2013**, 15, 112.

2) J. P. Brand, J. Charpentier, J. Waser, *Angew. Chem. Int. Ed.* **2009**, 48, 9346.

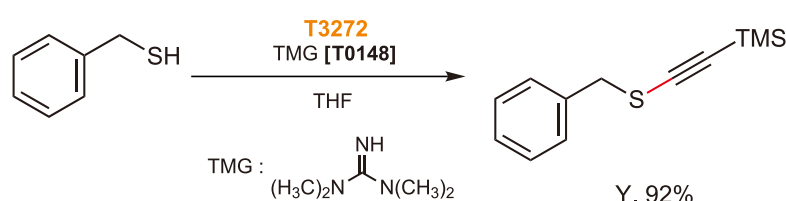
应用

非对称1,3-二炔的合成



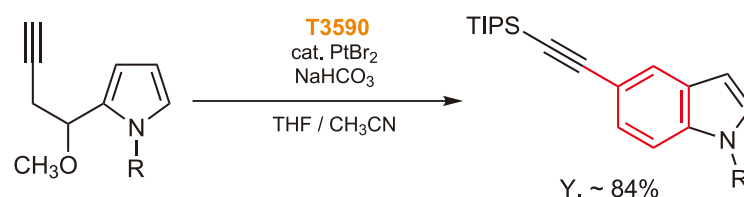
X. Li, X. Xie, N. Sun, Y. Liu, *Angew. Chem. Int. Ed.* **2017**, 56, 6994.

无重金属的乙炔化



R. Frei, J. Waser, *J. Am. Chem. Soc.* **2013**, 135, 9620.

通过铂催化合成吲哚环



Y. Li, J. Waser, *Angew. Chem. Int. Ed.* **2015**, 54, 5438.

1-[2-(Triisopropylsilyl)ethynyl]-3,3-bis(trifluoromethyl)-1,2-benziodoxole

200mg [T3590]

1-[(Triisopropylsilyl)ethynyl]-1,2-benziodoxol-3(1H)-one (= TIPS-EBX)

200mg / 1g [T3039]

1-[(Trimethylsilyl)ethynyl]-1,2-benziodoxol-3(1H)-one (= TMS-EBX)

1g [T3272]

相关产品

1,1,3,3-Tetramethylguanidine (= TMG)

25mL / 100mL / 500mL [T0148]

Tetrabutylammonium Fluoride (ca. 1mol/L in Tetrahydrofuran)

25mL / 100mL / 500mL [T1338]

更多信息, 请查看我们的主页: www.TCIchemicals.com

乙炔化

