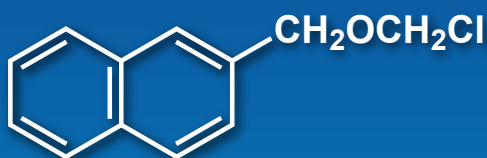


New

CHEMISTRY

TCI

Protecting Reagent Removable under Oxidative Condition



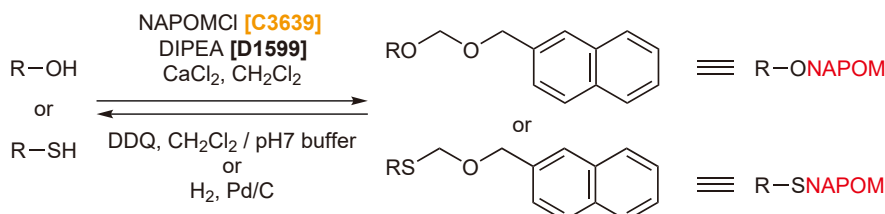
NAPOMCI
[C3639]

Advantages

- Applicable to protection reaction at room temperature
- Substrates unstable to basic conditions can be protected in high yields.
- Possible selective deprotection since the reaction is performed under oxidative condition or hydrogenation.

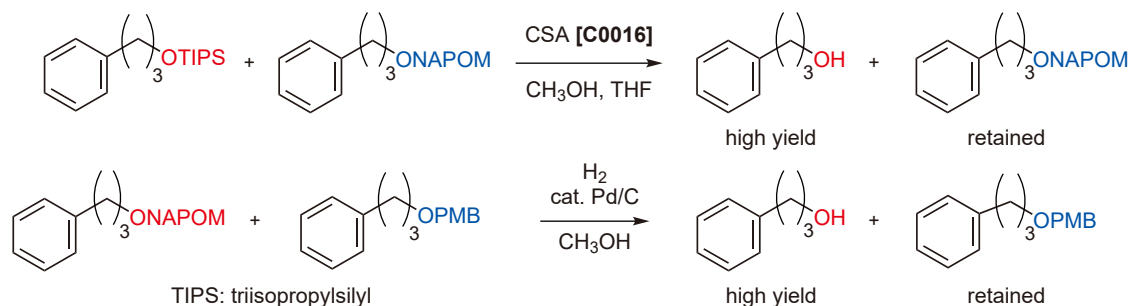
Applications

Protection and deprotection



*The toluene solution is not used in these reactions, but it is proved that the reactivity of the solution is same as in solid state of NAPOMCI.

Selective deprotection



TIPS: triisopropylsilyl
PMB: *p*-methoxybenzyl

References T. Sato, T. Oishi, K. Torikai, *Org. Lett.* **2015**, *17*, 3110.
T. Sato, Y. Joh, T. Oishi, K. Torikai, *Tetrahedron Lett.* **2017**, *58*, 2178.

2-[(Chloromethoxy)methyl]naphthalene (= NAPOMCI) (ca. 2 mol/L in Toluene) 5mL [C3639]

Related Products

***N,N*-Diisopropylethylamine (= DIPEA)**

25mL / 100m / 500mL [D1599]

(±)-10-Camphorsulfonic Acid (= CSA)

25g / 100g / 500g [C0016]

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