

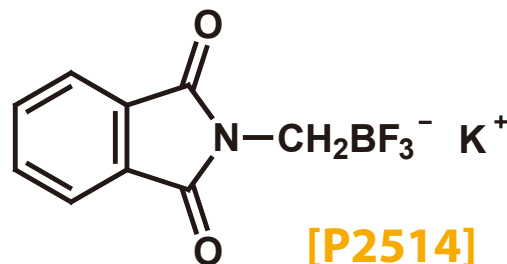
Trifluoroborate Salts for Direct Introduction of Hydroxymethyl Group and Aminomethyl Group

New



[P2494]

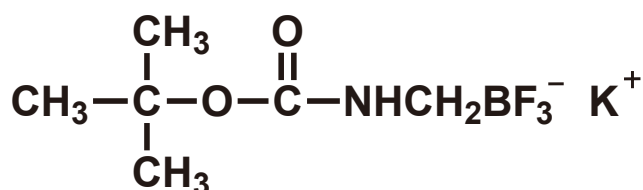
New



[P2514]



[P2153]

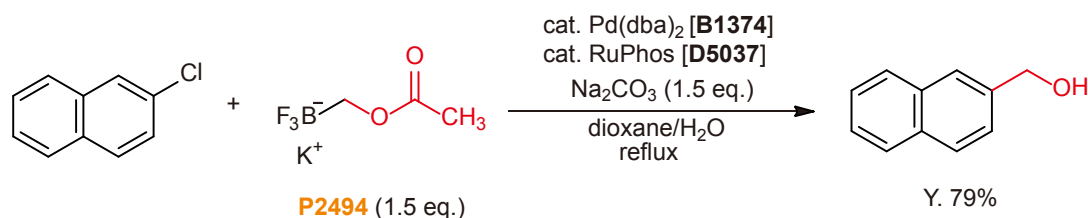
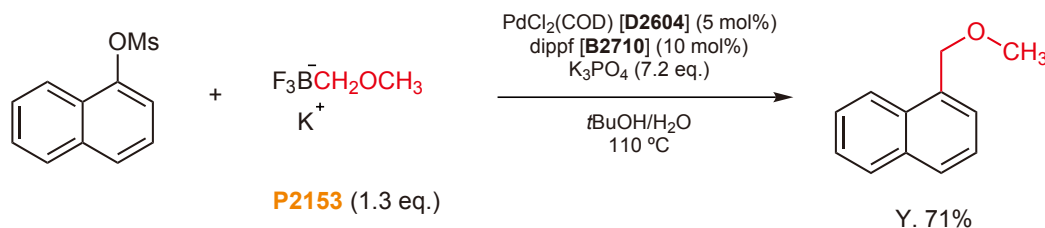
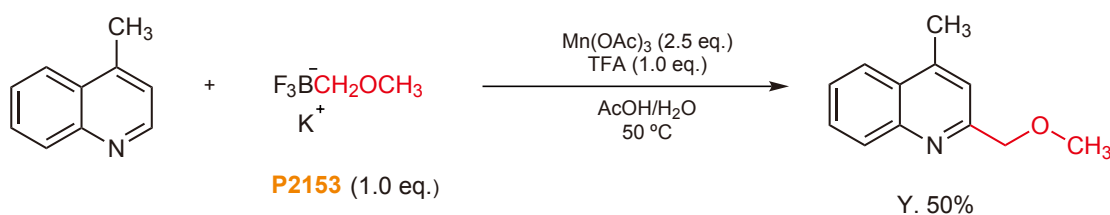


[P2155]

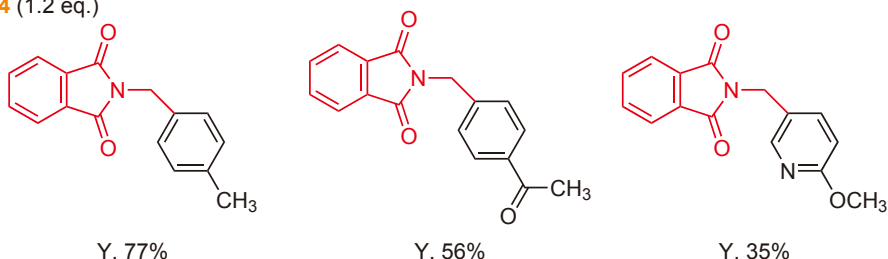
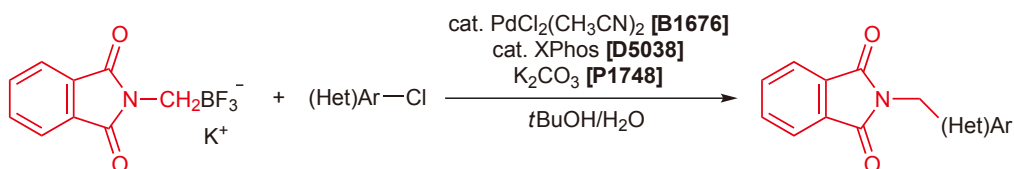
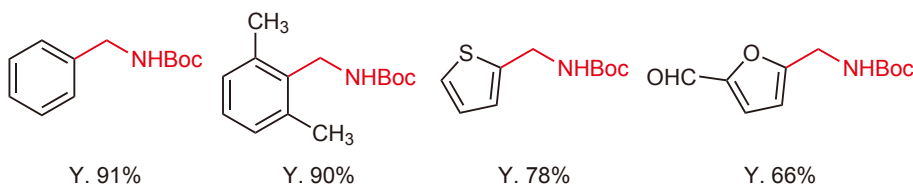
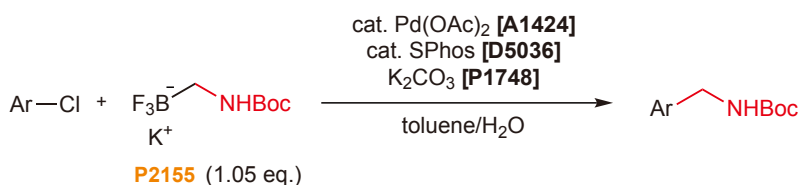
Advantages

- Stable in air at room temperature
- Applicable to the introduction of hydroxymethyl and aminomethyl groups

Introduction of Hydroxymethyl Groups

N. Murai, M. Yonaga, K. Tanaka, *Org. Lett.* **2012**, *14*, 1278.G. A. Molander, F. Beaumard, *Org. Lett.* **2011**, *13*, 3948.G. A. Molander, V. Colombel, V. A. Braz, *Org. Lett.* **2011**, *13*, 1852.

Introduction of Aminomethyl Groups


 R. Devulapally, N. Fleury-Brégeot, G. A. Molander, D. G. Seapy, *Tetrahedron Lett.* **2012**, 53, 1051.

 G. A. Molander, I. Shin, *Org. Lett.* **2011**, 13, 3956.

Potassium (Acetoxymethyl)trifluoroborate	1g [P2494]
Potassium (Methoxymethyl)trifluoroborate	1g [P2153]
Potassium (Phthalimidomethyl)trifluoroborate	1g / 5g [P2514]
Potassium (N-Boc-aminomethyl)trifluoroborate	1g / 5g [P2155]

These materials were produced by collaboration with Eisai Co., Ltd. (patent No. WO2006098270, WO2008007670)

Related Products

Bis(dibenzylideneacetone)palladium(0) (= Pd(dba)₂)	1g / 5g [B1374]
2-Dicyclohexylphosphino-2',6'-diisopropoxybiphenyl (= RuPhos)	1g / 5g [D5037]
Dichloro(1,5-cyclooctadiene)palladium(II) (= PdCl₂(COD))	1g / 5g [D2604]
1,1'-Bis(diisopropylphosphino)ferrocene (= dippf)	100mg / 1g [B2710]
Bis(acetonitrile)palladium(II) Dichloride	1g / 5g [B1676]
2-Dicyclohexylphosphino-2',4',6'-triisopropylbiphenyl (= XPhos)	1g / 5g [D5038]
Palladium(II) Acetate	1g / 5g [A1424]
2-Dicyclohexylphosphino-2',6'-dimethoxybiphenyl (= SPhos)	1g / 5g [D5036]

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