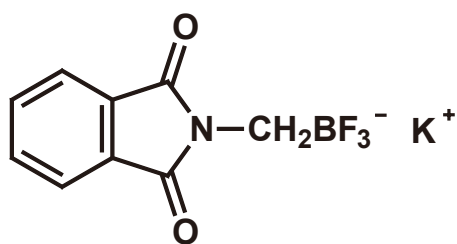


Trifluoroborate Salts for Direct Introduction of Hydroxymethyl Group and Aminomethyl Group



Potassium (Acetoxymethyl)-trifluoroborate

1g / 5g [P2494]



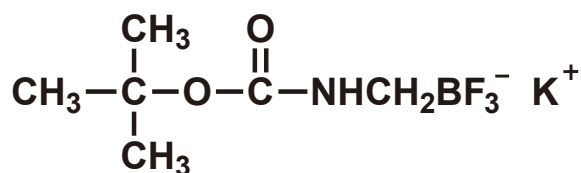
Potassium (Phthalimidomethyl)-trifluoroborate

1g / 5g [P2514]



Potassium (Methoxymethyl)-trifluoroborate

1g [P2153]



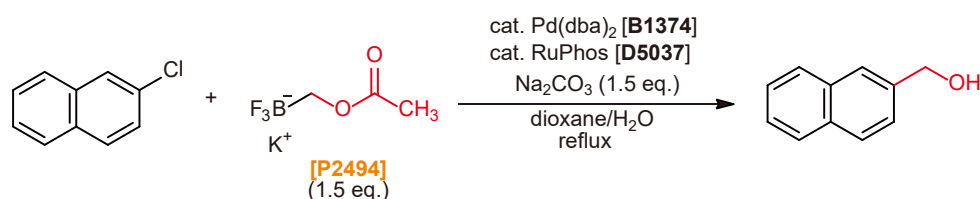
Potassium (N-Boc-aminomethyl)-trifluoroborate

1g / 5g [P2155]

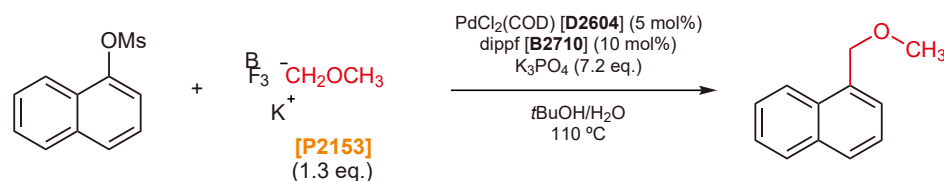
Advantages

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

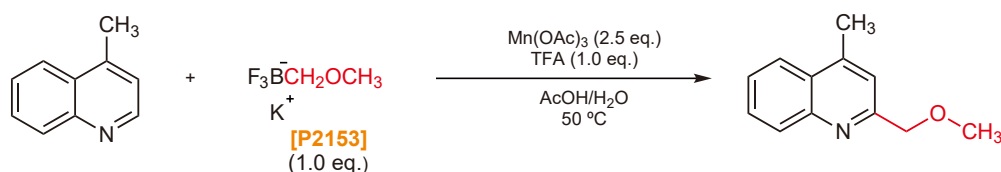
Introduction of Hydroxymethyl Groups



Reference N. Murai, M. Yonaga, K. Tanaka, *Org. Lett.* **2012**, *14*, 1278. DOI: <http://doi.org/10.1021/ol300149b>

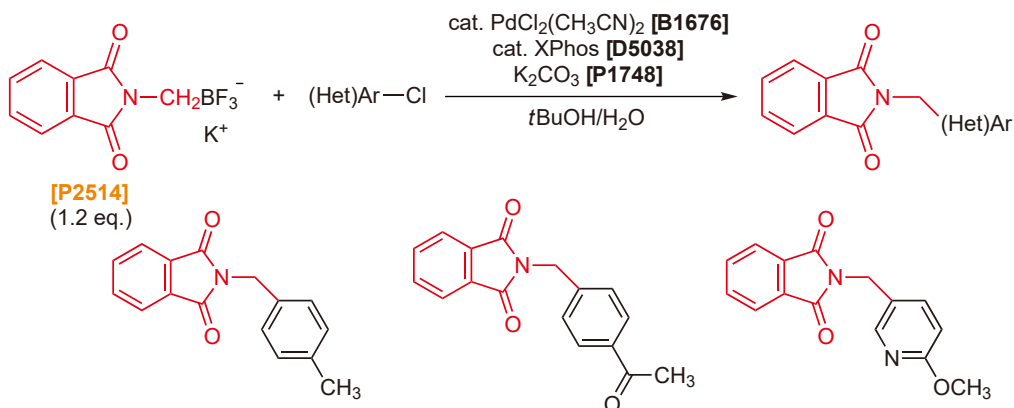


Reference G. A. Molander, F. Beaumard, *Org. Lett.* **2011**, *13*, 3948. DOI: <http://doi.org/10.1021/ol201469r>

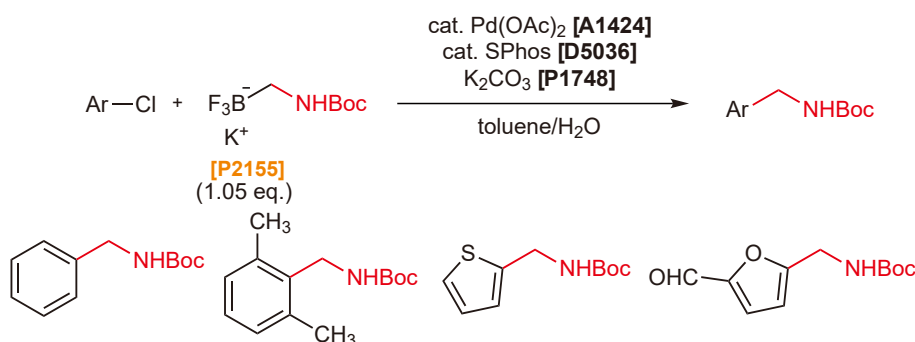


Reference G. A. Molander, V. Colombel, V. A. Braz, *Org. Lett.* **2011**, *13*, 1852. DOI: <http://doi.org/10.1021/ol2003572>

Introduction of Aminomethyl Groups



Reference R. Devulapally, N. Fleury-Brégeot, G. A. Molander, D. G. Seapy, *Tetrahedron Lett.* **2012**, 53, 1051. DOI: <https://doi.org/10.1016/j.tetlet.2011.12.062>



Reference G. A. Molander, I. Shin, *Org. Lett.* **2011**, 13, 3956. DOI: <https://doi.org/10.1021/ol2014768>

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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