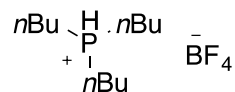
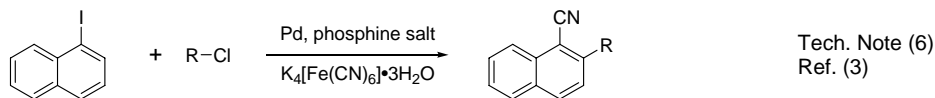
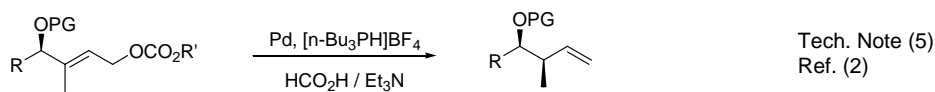
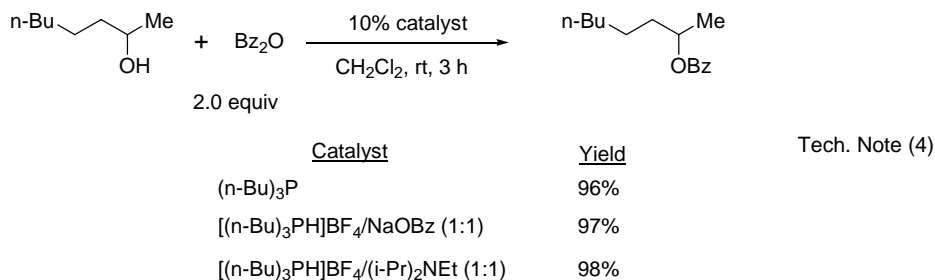
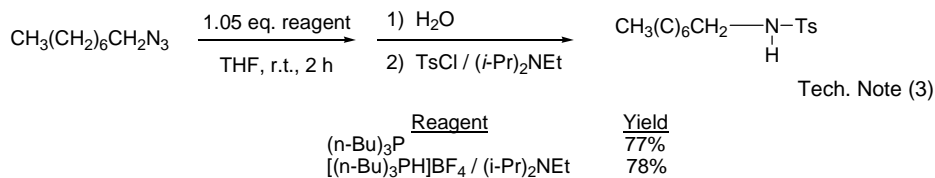
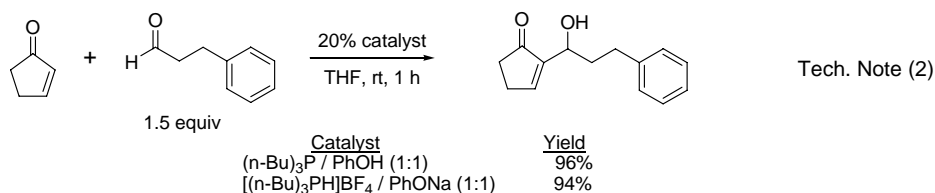


Catalog # 15-5990 Tri-n-butylphosphonium tetrafluoroborate, 99%



Technical Notes:

1. Air-stable, non-pyrophoric precursor of the Tri-n-butylphosphine ligand which is used in a variety of catalytic processes.
2. Catalyst in Baylis-Hillman reactions.
3. Azide reductions.
4. Acylation of alcohols by anhydrides.
5. Ligand for formate reduction of allyl carbonates.
6. Synthesis of aromatic nitriles via Pd C-H functionalization.



References:

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2. *Org. Lett.*, **2003**, 5, 3391.
3. *J. Am. Chem. Soc.*, **2007**, 129, 15372.