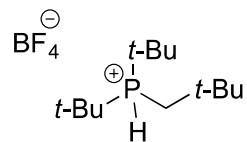
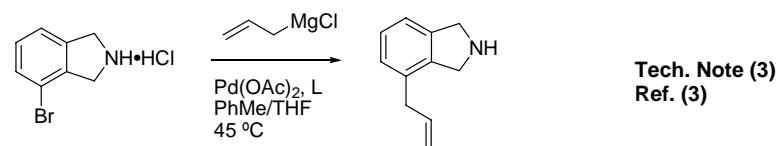
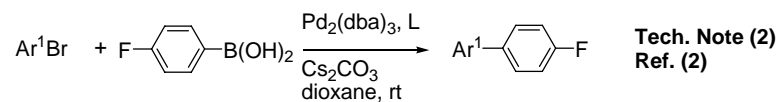
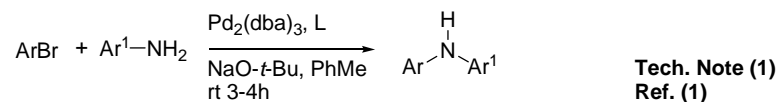


Catalog # D139392 Di-*t*-butylneopentylphosphonium tetrafluoroborate, min. 95%



Technical Notes:

1. The phosphine, used in combination with a palladium source and base, produces a highly effective catalyst for the Buchwald-Hartwig amination of aryl bromides at room temperature.
2. Phosphine used in the palladium-catalyzed, Suzuki cross-coupling reaction.
3. Phosphine used in the palladium-catalyzed Kumada cross-coupling reaction.



References:

1. *J. Org. Chem.*, **2006**, 71, 5117.
2. *Organometallics*, **2006**, 25, 2978.
3. *Org. Process Res. Dev.*, **2011**, 15, 158.