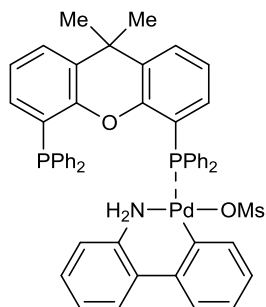
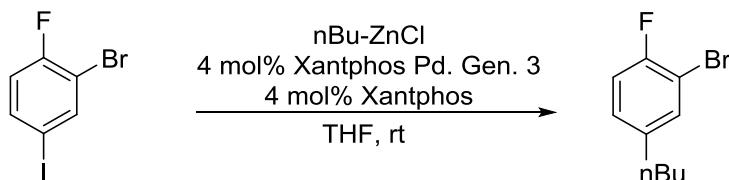


Catalog # 46-0957 Methanesulfonato[9,9-dimethyl-4,5-bis(diphenylphosphino)xanthene][2'-amino-1,1'-biphenyl]palladium(II) dichloromethane adduct, min 98% [Xantphos Palladacycle Gen. 3]

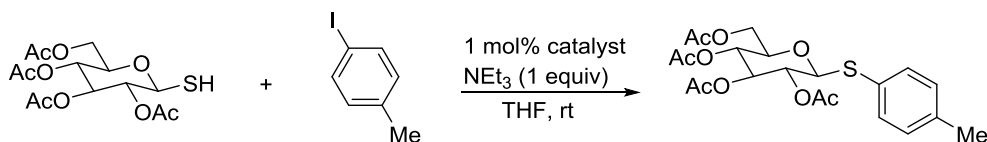


Technical Notes:

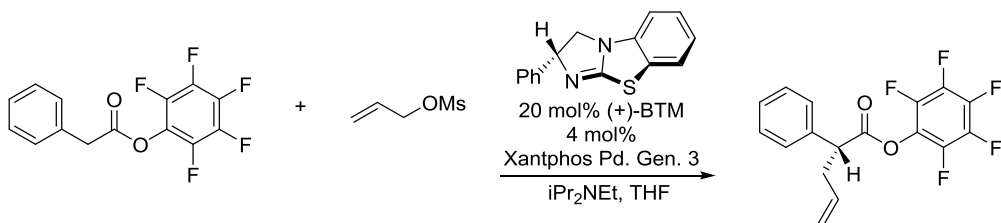
1. Catalyst for the Negishi coupling of aryl halides and alkylzinc reagents.
2. Catalyst for the synthesis of tetraacetylated p-tolyl thioglucose.
3. Cooperative catalyst for the direct asymmetric  $\alpha$ -allylation of acyclic esters.



**Tech. Note (1)**  
**Ref. (1)**



**Tech. Note (2)**  
**Ref. (2)**



**Tech. Note (3)**  
**Ref. (3)**

References:

1. *J. Am. Chem. Soc.*, **2014**, *136*, 15757.
2. *Chem. Eur. J.*, **2015**, *21*, 8375.
3. *J. Am. Chem. Soc.*, **2016**, *138*, 5214.