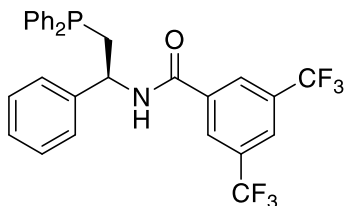
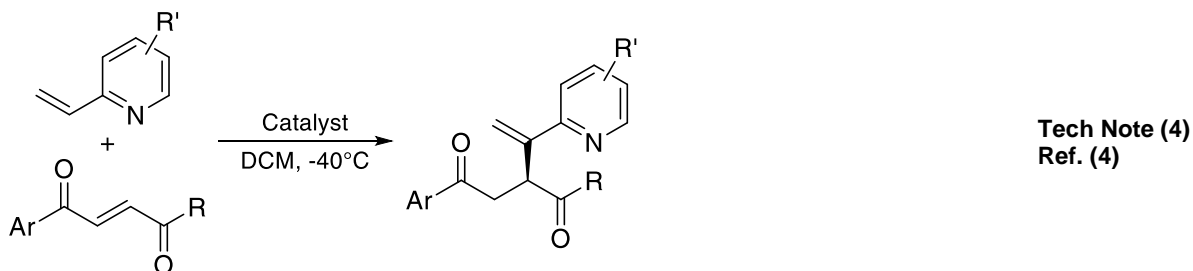
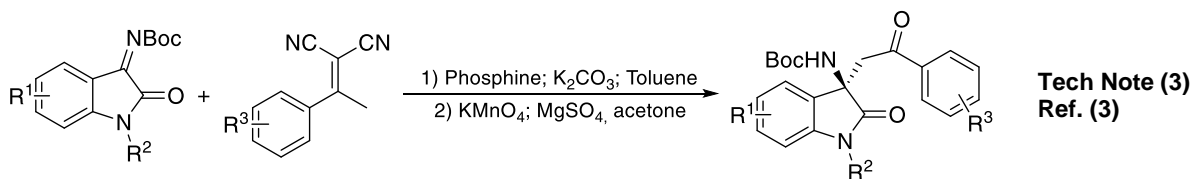
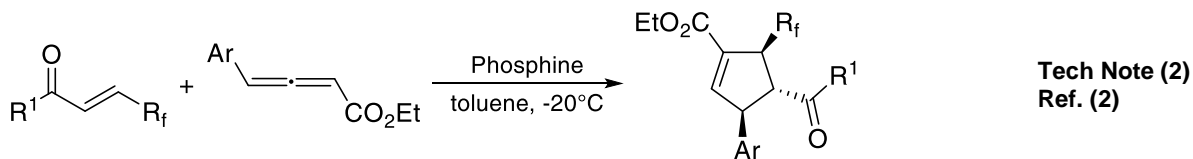
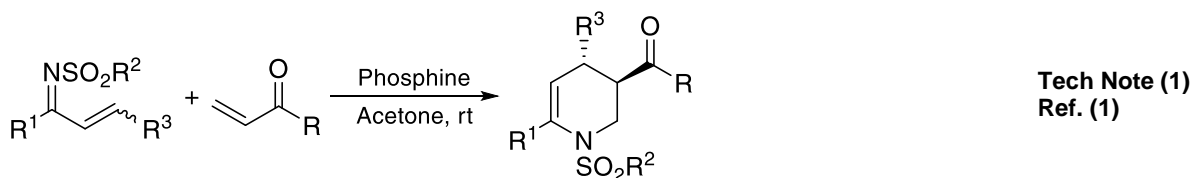


Catalog # 15-8514 N-[(1S)-2-(Diphenylphosphino)-1-phenylethyl]-3,5-bis(trifluoromethyl)-benzamide, 95%



Technical Notes:

1. Organocatalyst used in aza-[4+2] cycloaddition of N-sulfonyl-1-aza-1,3-dienes with vinyl ketones.
2. Catalyst for the enantioselective [3+2] cycloadditions of  $\gamma$ -substituted allenoates with  $\beta$ -perfluoroalkyl enones.
3. Organocatalyst used in effective asymmetric vinylogous Mannich reaction of isatin imines with  $\alpha,\alpha$ -dicyanoolefins.
4. Chiral phosphine catalyzed  $\alpha$ -functionalization of 2-vinylpyridines via enantioselective cross Rauhut-Currier reaction.



References:

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2. *Chem. Sci.*, **2017**, *8*, 4660.
3. *Org. Chem. Front.*, **2017**, *4*, 101.
4. *Org. Lett.* **2018**, *20*, 1304.