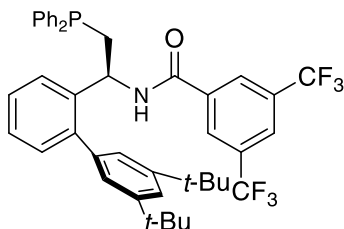
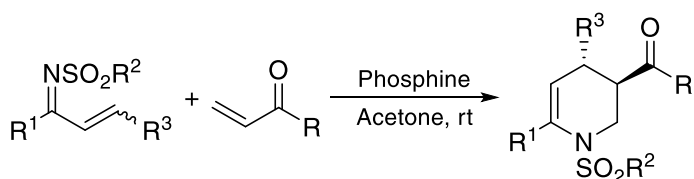


Catalog # 15-8508 N-[(1S)-1-[3',5'-Bis(1,1-dimethylethyl)[1,1'-biphenyl]-2-yl]-2-(diphenylphosphino)ethyl]-3,5-bis(trifluoromethyl)-benzamide, 95%

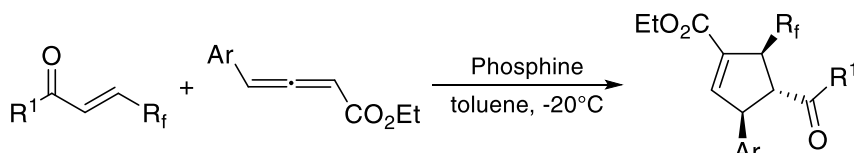


Technical Notes:

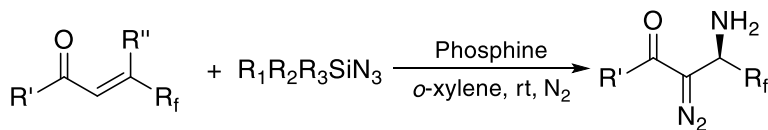
1. Organocatalyst used in aza-[4+2] cycloaddition of N-sulfonyl-1-aza-1,3-dienes with vinyl ketones.
2. Catalyst for the enantioselective [3+2] cycloadditions of γ -substituted allenates with β -perfluoroalkyl enones.
3. Phosphine catalyst for difunctionalization of β -fluoroalkyl α , β -Enones to generate β -amino α -diazo carbonyl compounds.



Tech Note (1)
Ref. (1)



Tech Note (2)
Ref. (2)



Tech Note (3)
Ref. (3)

References:

1. *Org. Lett.* **2017**, *19*, 1710.
2. *Chem. Sci.*, **2017**, *8*, 4660.
3. *Angew. Chem. Int. Ed.* **2018**, *57*, 15787.