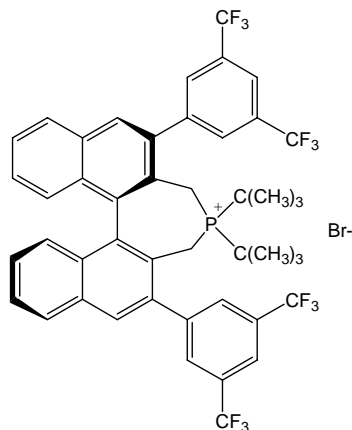


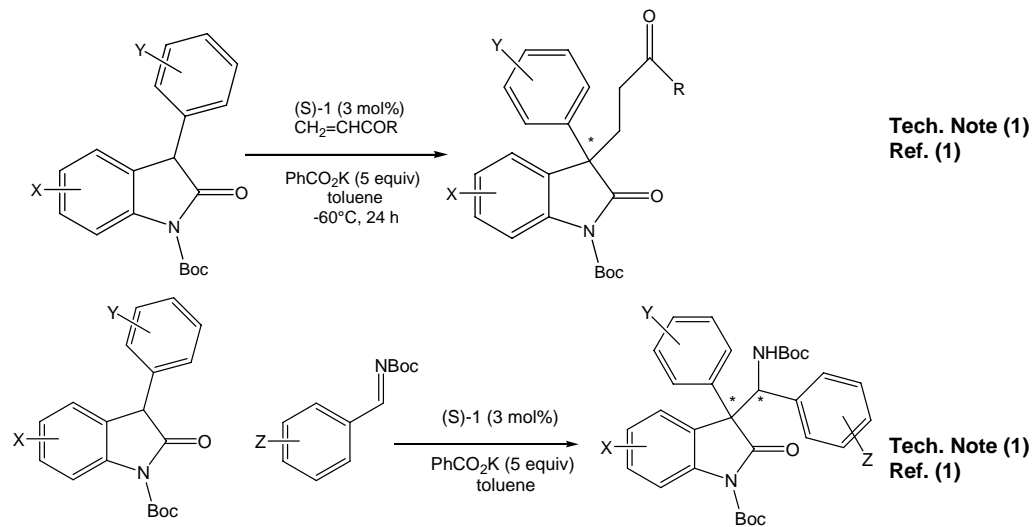
Catalog # 15-1464 (11bR)-(-)-4,4-Di-t-butyl-2,6-bis[3,5-bis(trifluoromethyl)phenyl]-4,5-dihydro-3H-dinaphtho[2,1-c:1',2'-e]phosphepinium bromide, 99% R-MARUOKA CAT P-TB



Note: Maruoka Chiral Phase-Transfer Phosphonium Organocatalyst Kit component.

Technical Note:

- Chiral, phase-transfer catalyst for the asymmetric Michael and Mannich reactions of 3-aryloxindoles.



Reference:

- Angew. Chem. Int. Ed.*, **2009**, *48*, 4559.