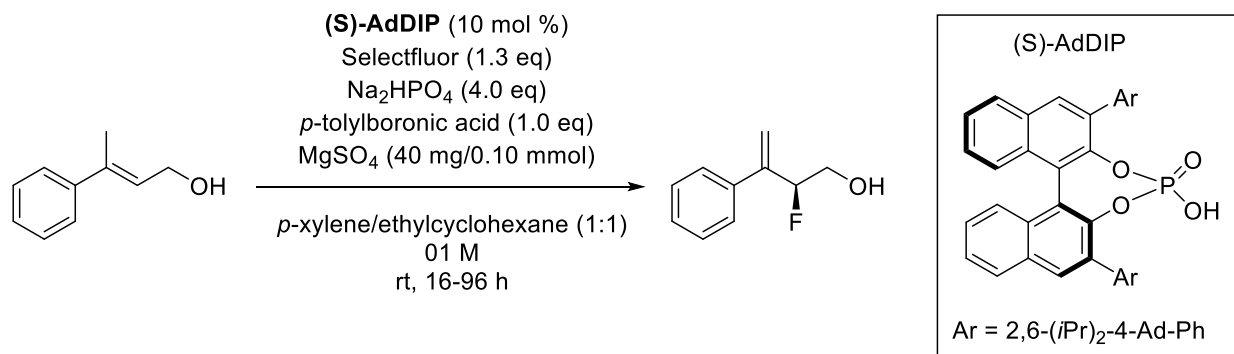


1: Propose the mechanism for the following transformation and draw the structure of selectfluor.
(J. Am. Chem. Soc. 2014, 136, 12864–12867)



2: Please explain the following observations ($\Delta\Delta G^\ddagger = -RT \ln[(S)/(R)]$).
 (J. Am. Chem. Soc. 2016, 138, 3863–3875)

