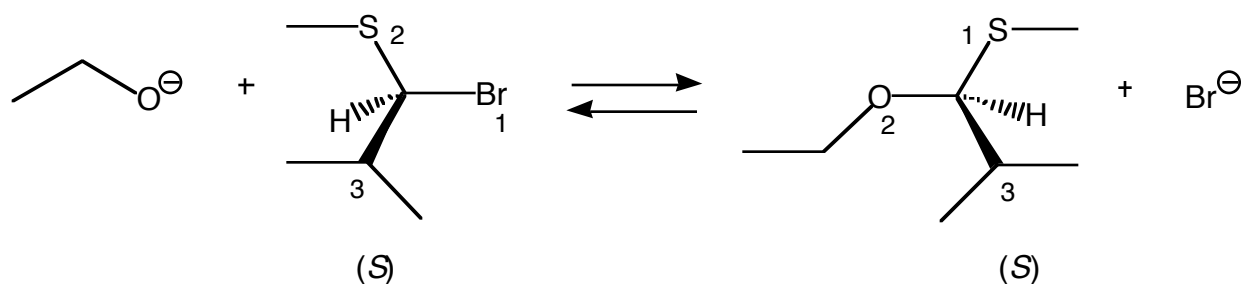


Answers to Problem 52, Chemistry 301X - 2006

i.  $S_N2$  reactions proceed through inversion of stereochemistry so...



iii. The arrangement of groups around the central carbon is inverted, but the (R/S) designation remains the same, because the priority rankings change.

ii.

