

CHEM – 750

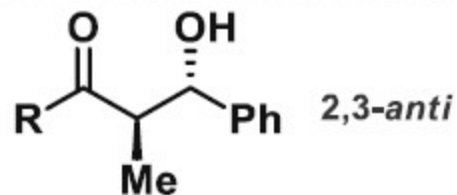
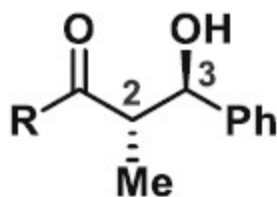
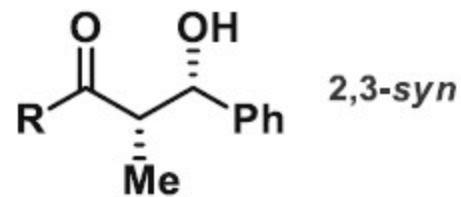
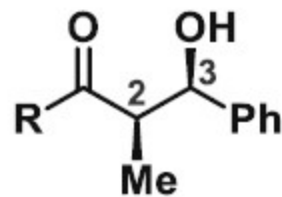
Advanced Organic synthesis



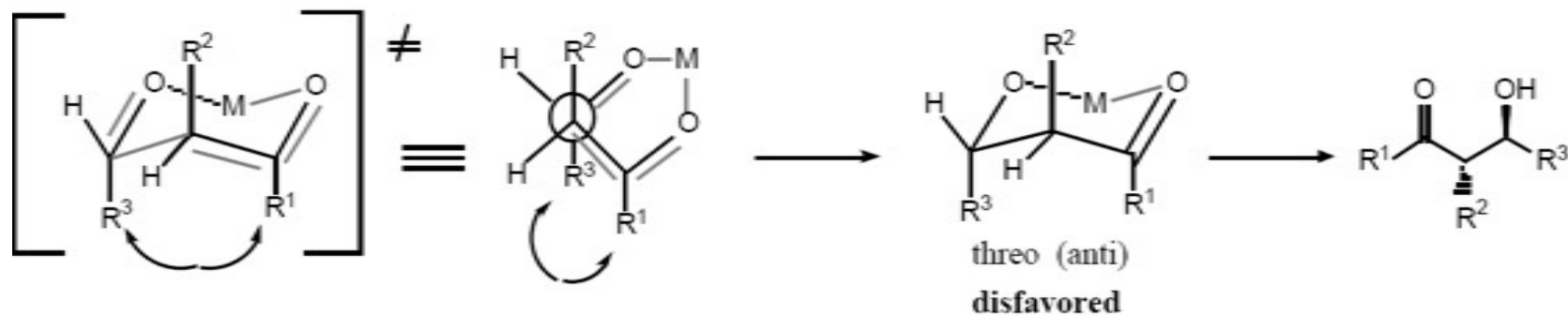
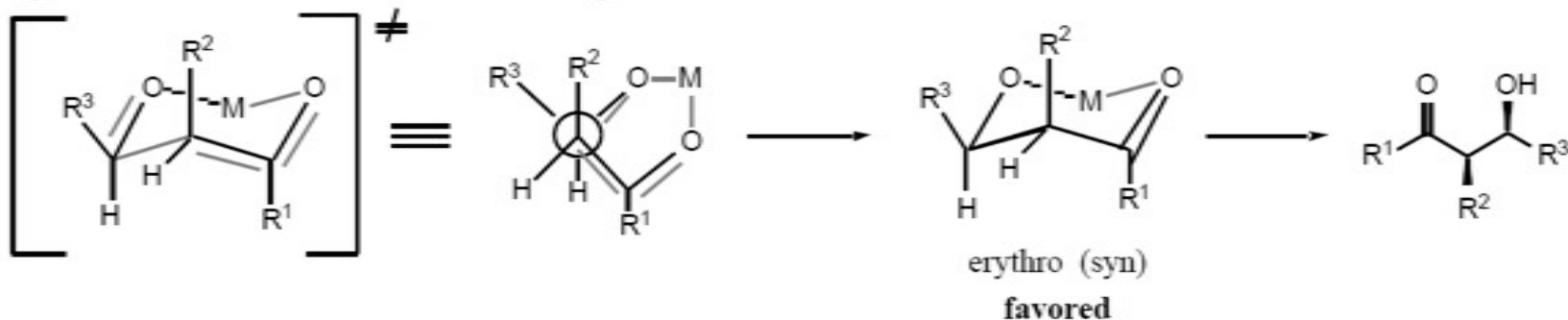
Dr. Humaira Yasmeen Gondal
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University of Sargodha



The aldol reaction



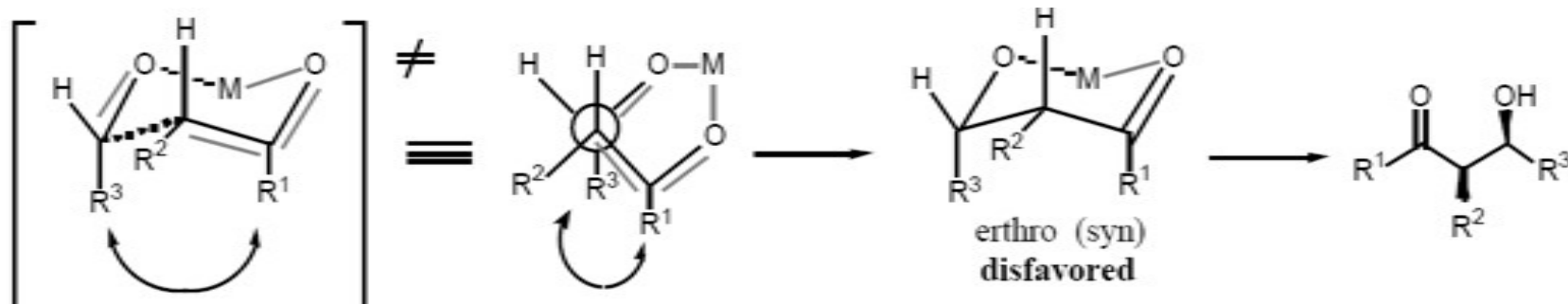
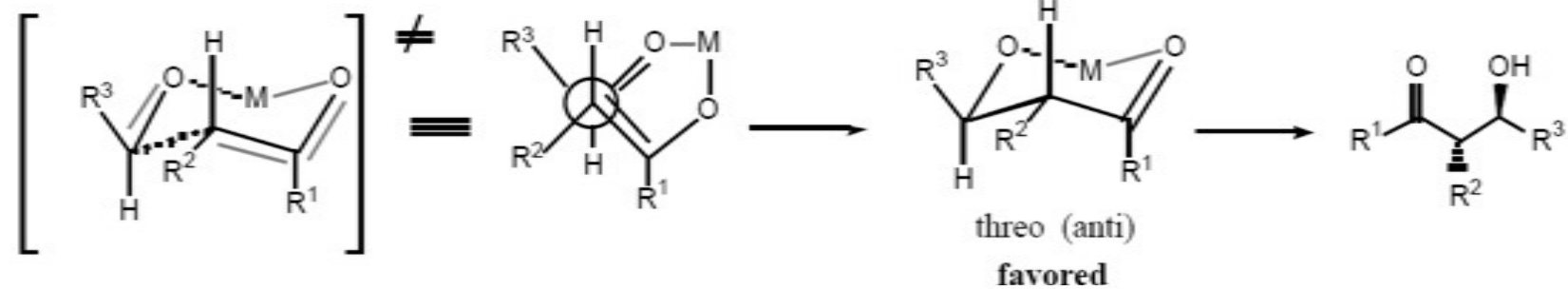
Analysis of Z-enolate stereoselectivity





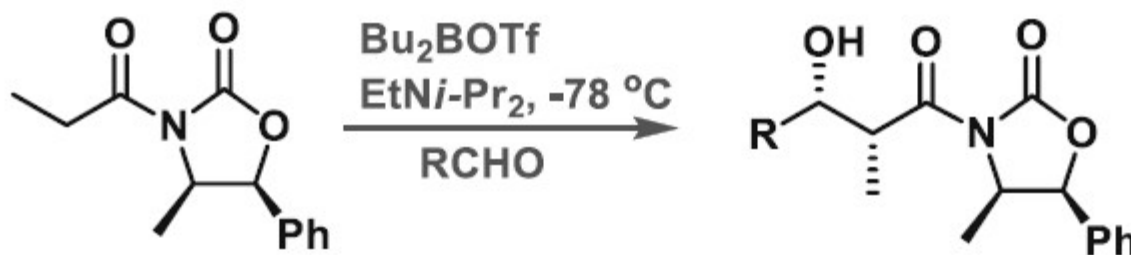
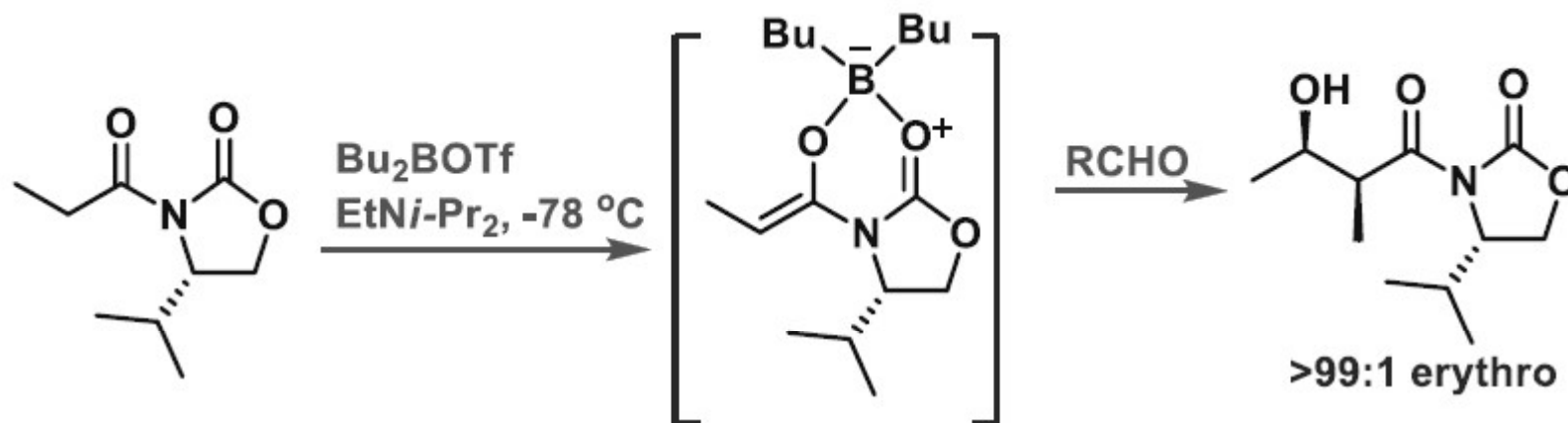
The aldol reaction Zimmerman-Traxler transition state

Analysis of E-enolate stereoselectivity



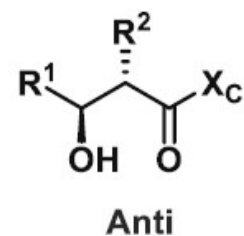
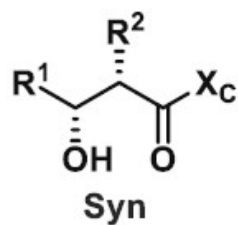
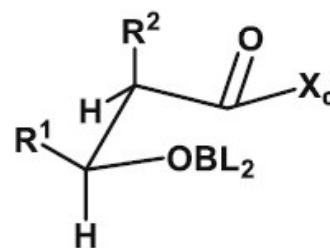
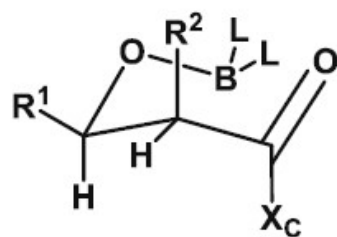
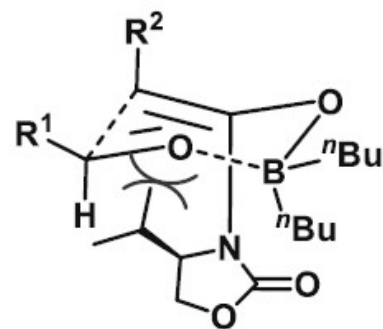
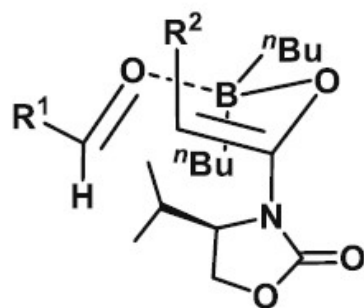


Aldol Condensation : Chiral Auxiliaries



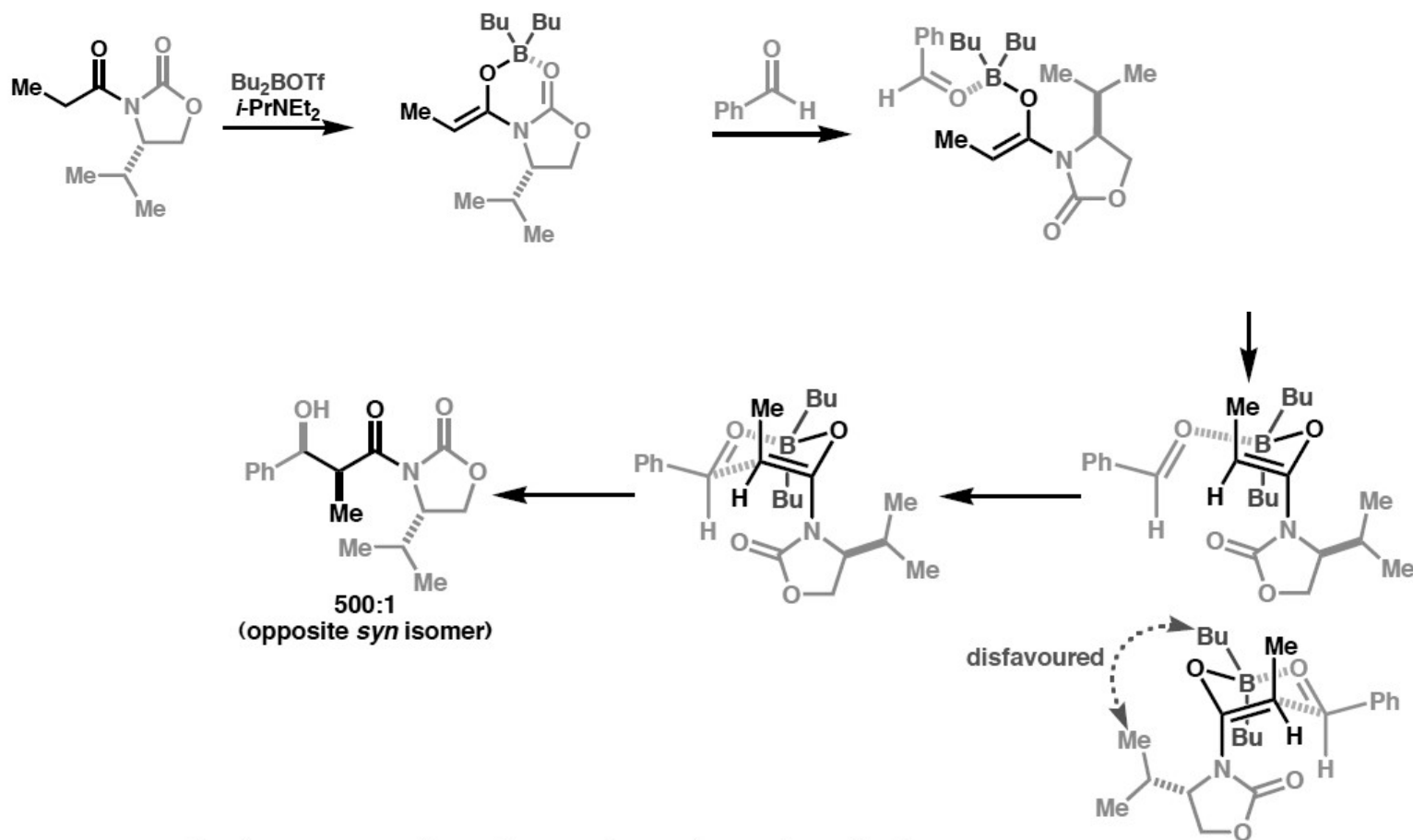


Aldol Condensation : Chiral Auxiliaries





Chiral auxiliaries & the aldol reaction





Reversal of diastereoselectivity

