CHEM - 750

Advanced Organic synthesis

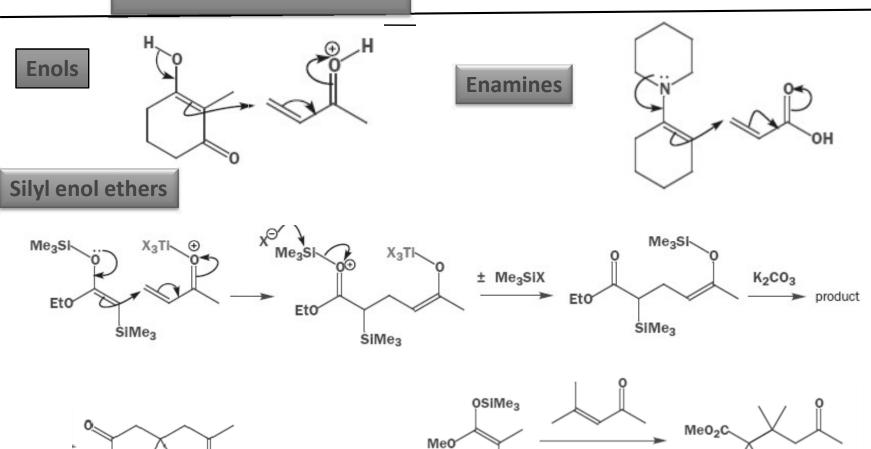


Dr. Humaira Yasmeen Gondal

Department of Chemistry
University of Sargodha

Michael acceptors

Michael Donars



72% yield

TICI₄ (5% aqueous

K2CO3 workup)

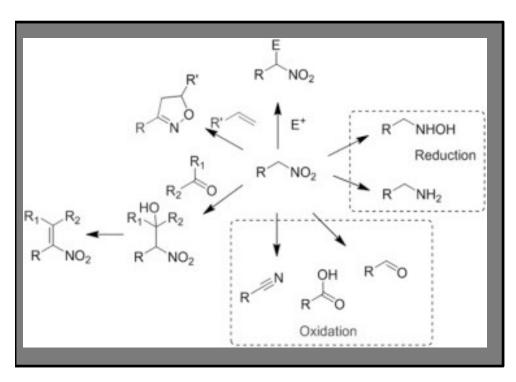


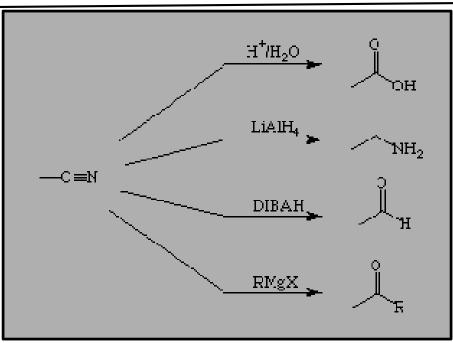
Sequential (tandem) conjugate additions

cascade reactions Or domino reaction

Michael Donars: Nitro

FUNCTIONAL GROUPS INTERCONVERSION OF NITRILE AND NITRO







Conjugate addition for six-membered rings



Robinson Annulation Preparation of the Wieland-Miescher Ketone



Robinson Annulation Preparation of the Wieland-Miescher Ketone



Robinson Annulation



Robinson Annulation

Exercise



Robinson Annulation

