

CHEM 1310/2370 - SELECTED NAME REACTIONS
(Sources: Vollhardt/Schore, Textbook, and Lecture Notes)

- 1 Acetoacetic ester synthesis
- 2 Aldol condensation
- 3 Alkene metathesis
- 4 Bayer-Villiger oxidation
- 5 Birch reduction
- 6 Claisen condensation
- 7 Claisen rearrangement
- 8 Clemmensen reduction
- 9 Cope rearrangement
- 10 Dieckmann condensation
- 11 Diels-Alder reaction
- 12 Friedel-Crafts reaction
- 13 Gabriel synthesis
- 14 Grignard reaction
- 15 Heck coupling
- 16 Hydroboration reaction
- 17 Malonic ester synthesis
- 18 Mannich reaction
- 19 Michael addition
- 20 Ozonolysis
- 21 Sharpless Dihydroxylation
- 22 Sharpless Epoxidation
- 23 Simmons-Smith reaction
- 24 Sonogashira coupling
- 25 Stille coupling
- 26 Strecker synthesis of amino acids
- 27 Suzuki coupling
- 28 Wadsworth-Emmons reaction
- 29 Williamson ether synthesis
- 30 Wittig reaction