

Name reactions

acetoacetic ester synthesis	<u>Cope rearrangement</u>
• <u>acyloin condensation</u>	<u>Criegee reaction</u>
<u>aldol condensation</u>	<u>Curtius rearrangement</u>
<u>Arbuzov reaction</u>	Darzen's condensation
<u>Arndt-Eistert synthesis</u>	→ DeMayo reaction
<u>Baeyer-Villiger reaction</u>	<u>Demjanov rearrangement</u>
• <u>Bamford-Stevens reaction</u>	<u>Dieckmann reaction</u>
• <u>Barton reaction</u>	<u>Diels-Alder reaction</u>
<u>Beckman rearrangement</u>	<u>ene reaction</u>
• <u>Benzidine rearrangement</u>	Eschieler-Clarke reaction
Wittig <u>benzilic acid rearrangement</u>	Eschenmoser fragmentation
<u>benzoin condensation</u>	<u>Favorskii rearrangement</u>
<u>Birch reduction</u>	Finkelstein reaction
Bischler-Napieralski reaction	<u>Fischer indole synthesis</u>
von Braun reaction	<u>Friedel-Crafts reaction</u>
<u>Brown hydroboration reaction</u>	Fries rearrangement
<u>Cannizzaro reaction</u>	<u>Gabriel synthesis</u>
→ Carroll reaction	Glaser coupling
→ Castro-Stevens reaction	<u>Grignard reaction</u>
Chichibabin reaction	→ Grob fragmentation
<u>Claisen condensation</u>	Haworth synthesis
<u>Claisen rearrangement</u>	<u>Heck reaction</u>
Claisen-Schmidt condensation	Hell-Vollhard-Zelinsky reaction
Clemmensen reduction	Henry reaction
Wittig <u>Cope elimination</u>	→ <u>Hofmann degradation</u>

(over)

→ Hofman reaction

Horner-Emmons reaction

Hunsdiecker reaction

Knoevenagel condensation

malonic ester synthesis

Mannich reaction

Meerwein-Ponndorf-Verley reduction

Meyer-Schuster rearrangement

Michael reaction

→ Mislow-Evans rearrangement

Mitsunobu Reaction

→ Nazarov cyclization reaction

Nef reaction

Oppenauer oxidation

Paterno-Buchi reaction

Petersen olefin synthesis

→ Pictet-Spengler reaction

pinacol rearrangement

→ Polonovski reaction

Prevost reaction

Prins reaction

Pummerer rearrangement

Ramberg-Backlund reaction

Reformatski reaction

Ritter reaction

Robinson annulation

→ Robinson-Schopf reaction

→ Sakurai reaction

Schmidt reaction

Schotten-Baumann reaction

Sharpless asymmetric epoxidation

Sharpless asymmetric dihydroxylation ←

Simmons-Smith reaction

Stille reaction ←

Stork enamine reaction

Strecker synthesis

Suzuki reaction ←

Thorpe-Ziegler reaction

Ullmann reaction

Vilsmeier-Haack reaction

Wagner-Meerwein rearrangement

Wichterle reaction ←

Wittig reaction

Wittig rearrangement

Wolff rearrangement

Wolff-Kishner reduction

Julia
Leusch
Swern
Seyferth
Schmidt
Hoffman-Löffler
Kishi rxn
Tollens
Bergman rxn
Takai