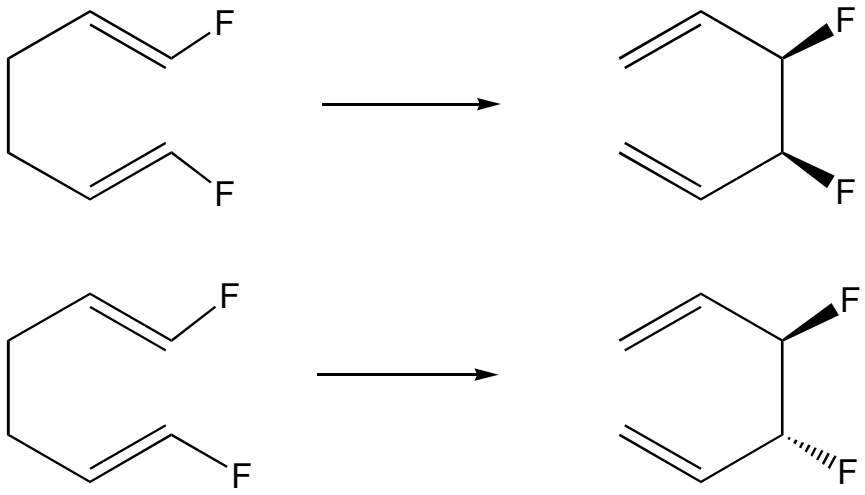
SIGMATROPIC Cope REARRANGEMENTS: the [3,3] system

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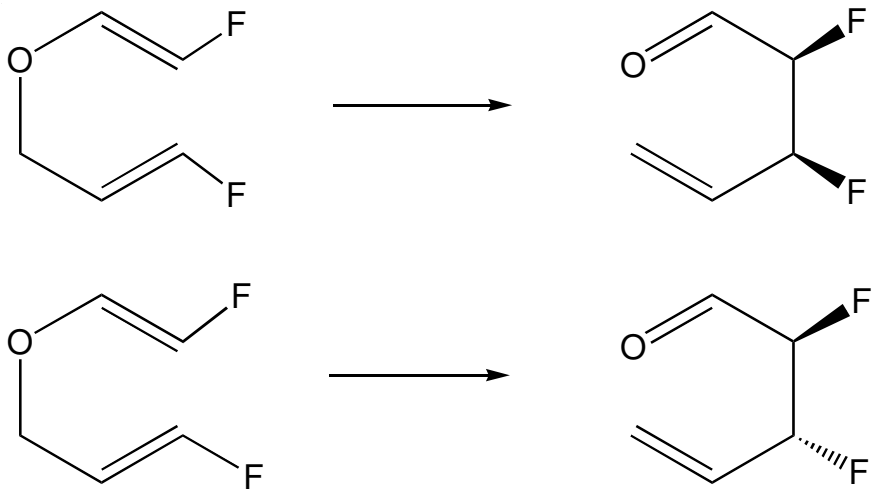
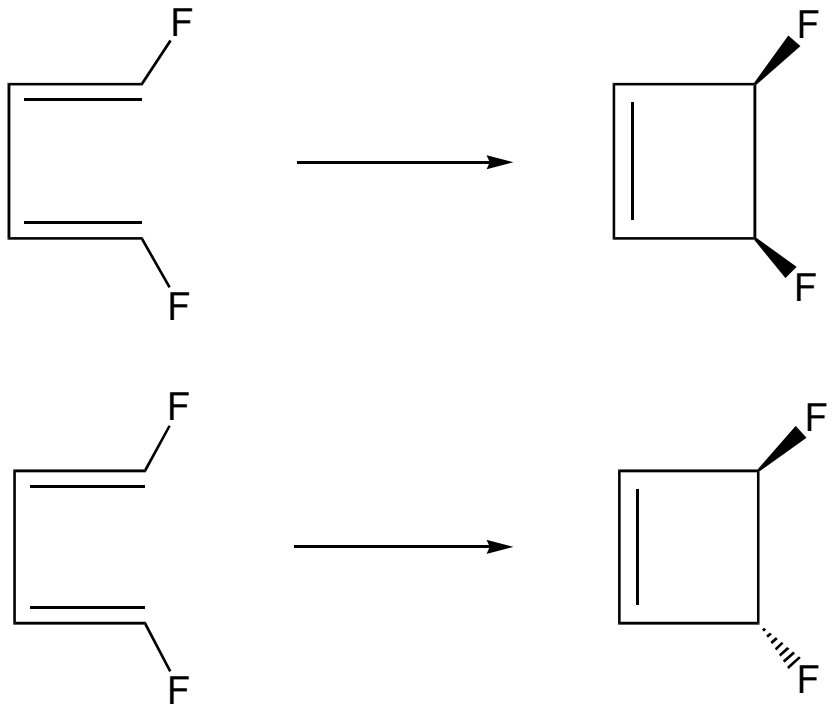
SIGMATROPIC Claisen REARRANGEMENTS: the [3,3] system



ELECTROCYCLIC REACTIONS: the butadiene system

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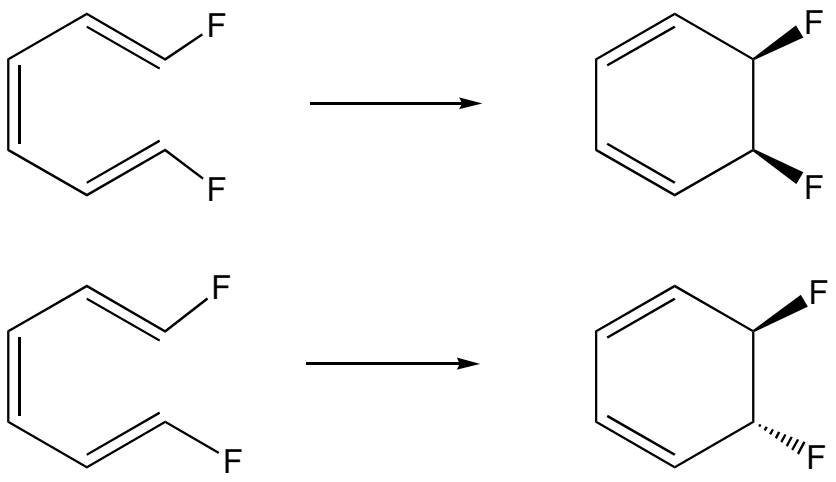
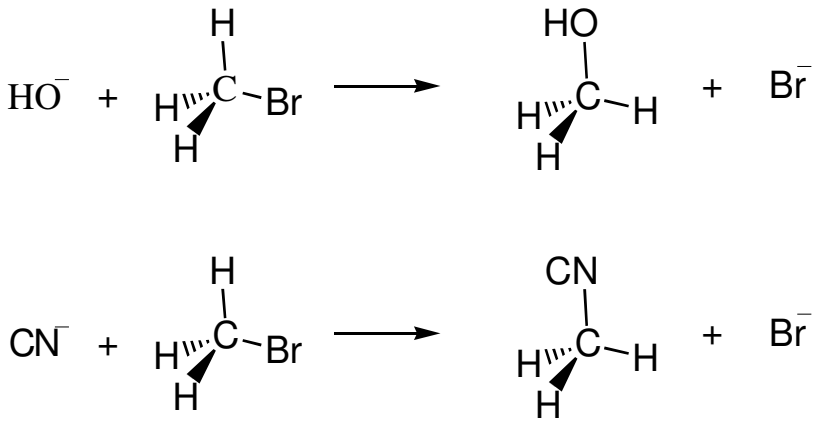
ELECTROCYCLIC REACTIONS: the hexatriene system



NUCLEOPHILIC SUBSTITUTION ($S_N2$): effect of the entering group

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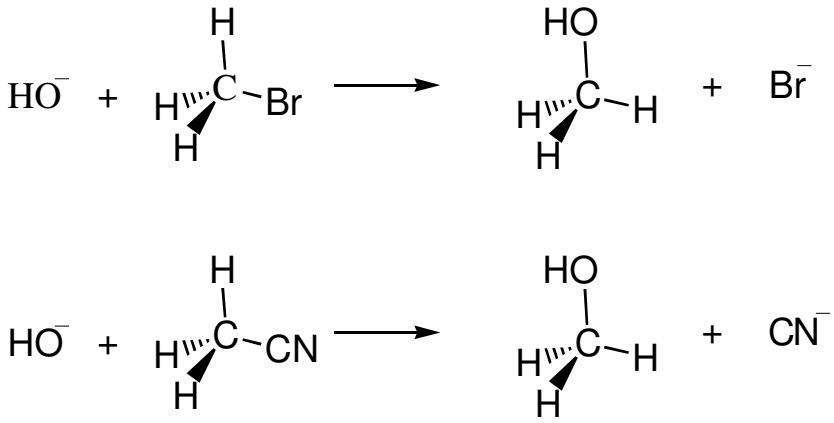
NUCLEOPHILIC SUBSTITUTION ($S_N2$): effect of the leaving group

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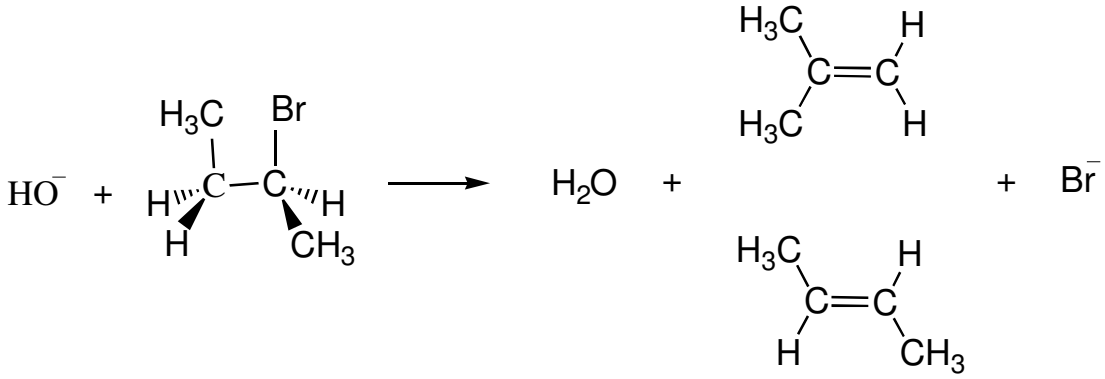
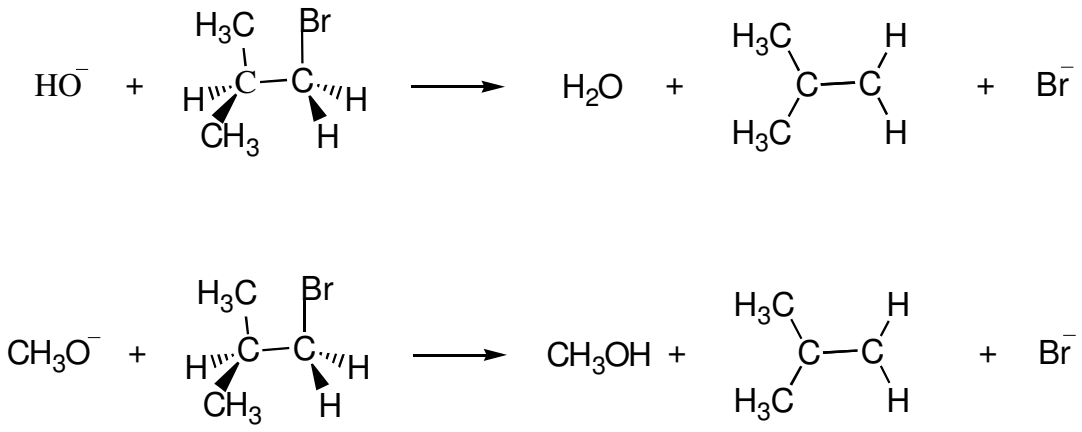
ELIMINATION $E_2$ REACTIONS: cis vs. trans product



ELIMINATION $E_2$ REACTIONS: effect of the entering group

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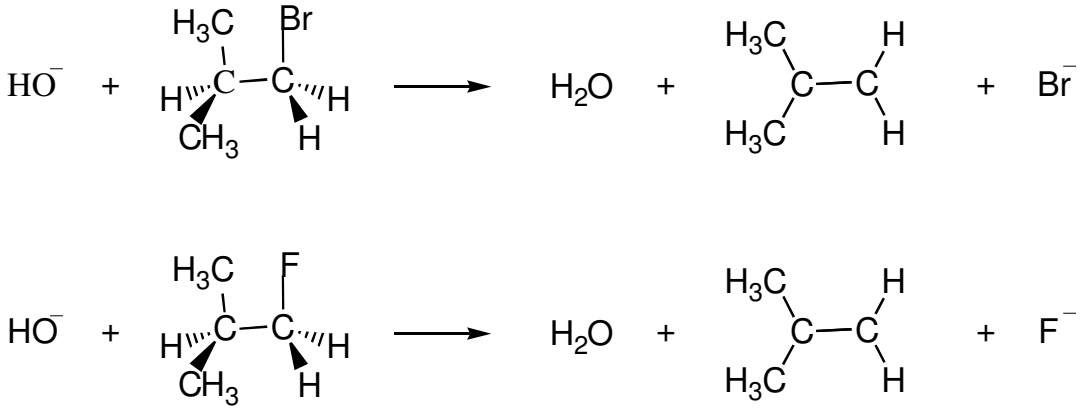
ELIMINATION $E_2$ REACTIONS: effect of the leaving group

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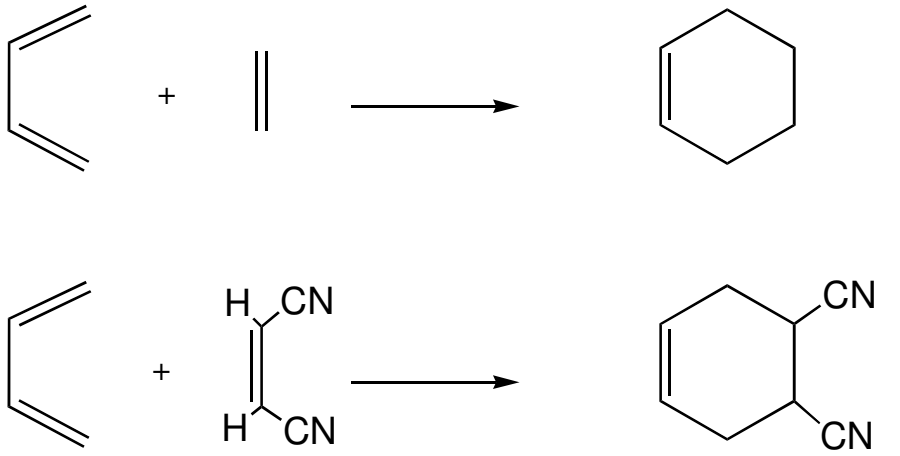
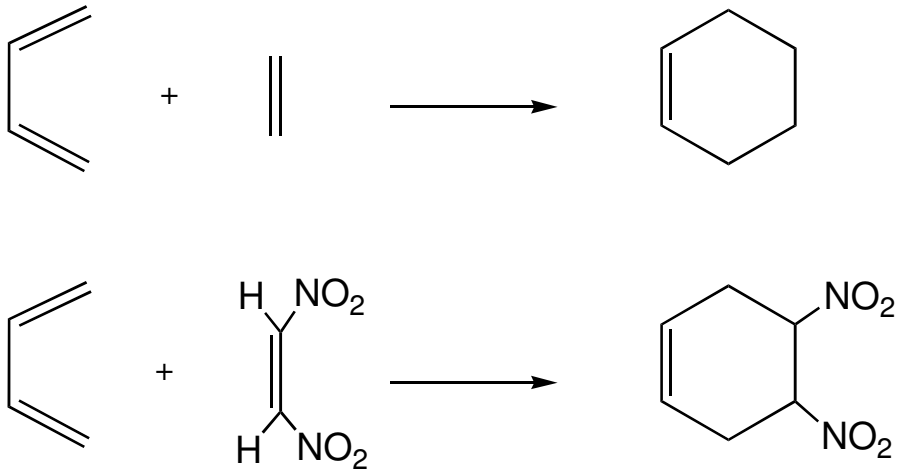
[4,2] Diels-Alder CYCLOADDITIONS: effect of π-donor in dienophile




[4,2] Diels-Alder CYCLOADDITIONS: effect of π-acceptor in dienophile

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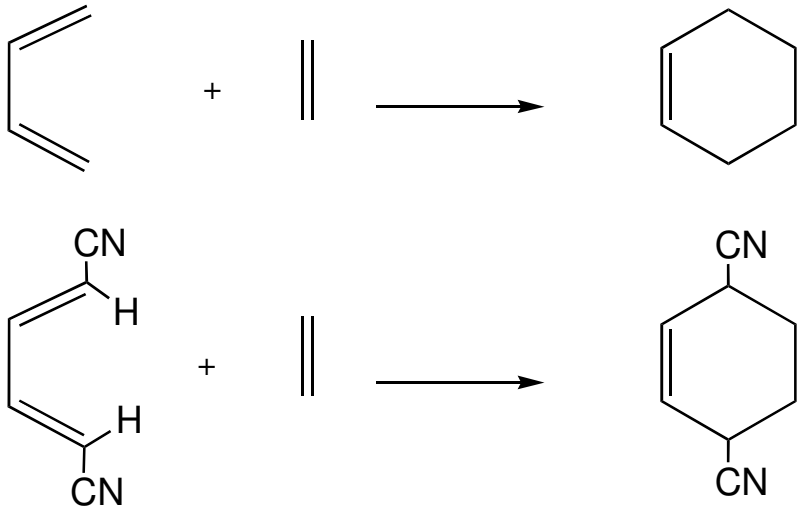
[4,2] Diels-Alder CYCLOADDITIONS: effect of π-donor in diene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