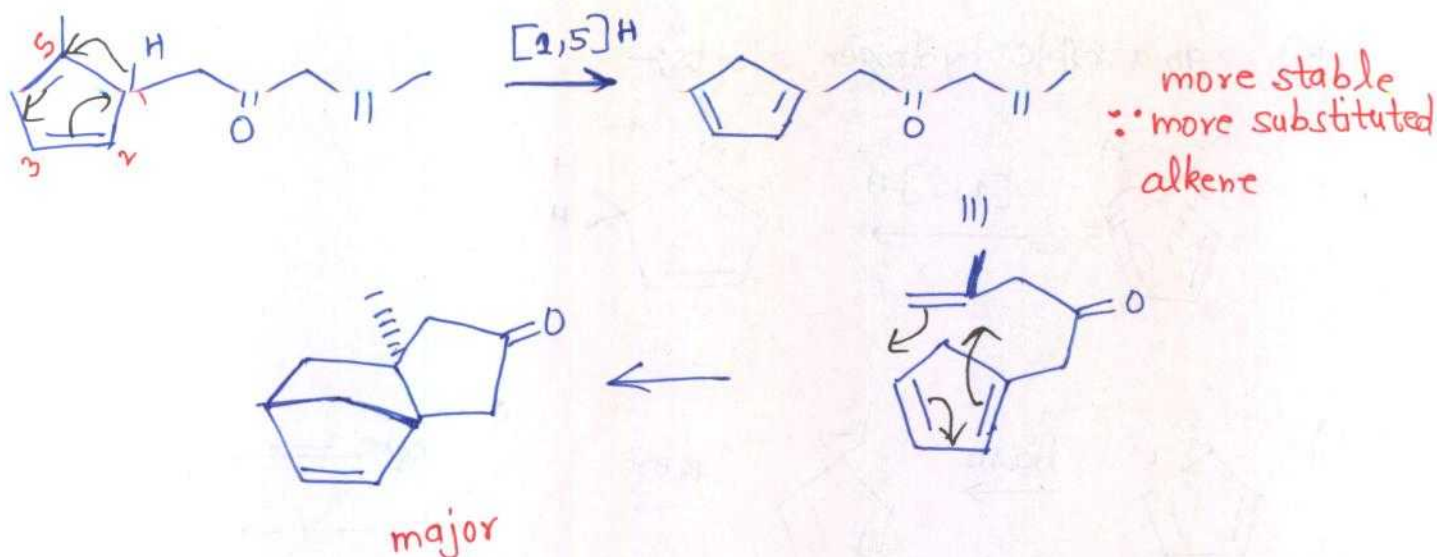




* In the above reaction the ketone is not conjugated to any of the alkenes and so does not influence the reaction.

→ If we increase the reactivity of the dienophile by putting an ester group in conjugation with it, most of the compound undergoes Diels Alder reaction before it does the [1,5]H shift.

