

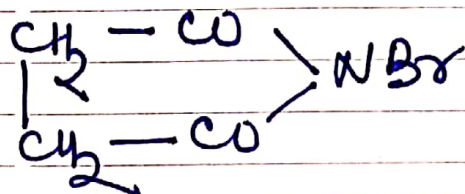
June 2016

13 Monday

14 Tuesday

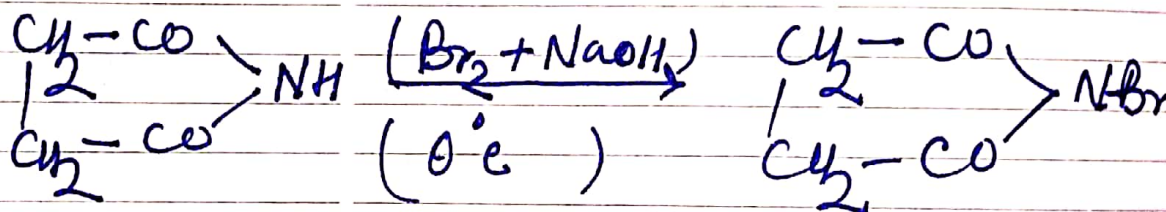
15 Wednesday

8. N-Bromosuccinimide



or NBS

Preparation :- It is a valuable reagent, specially for allylic bromination, which is a very important derivative of succinimide and can be conveniently prepared by adding bromine to an ice-cold alkaline solution of succinimide.

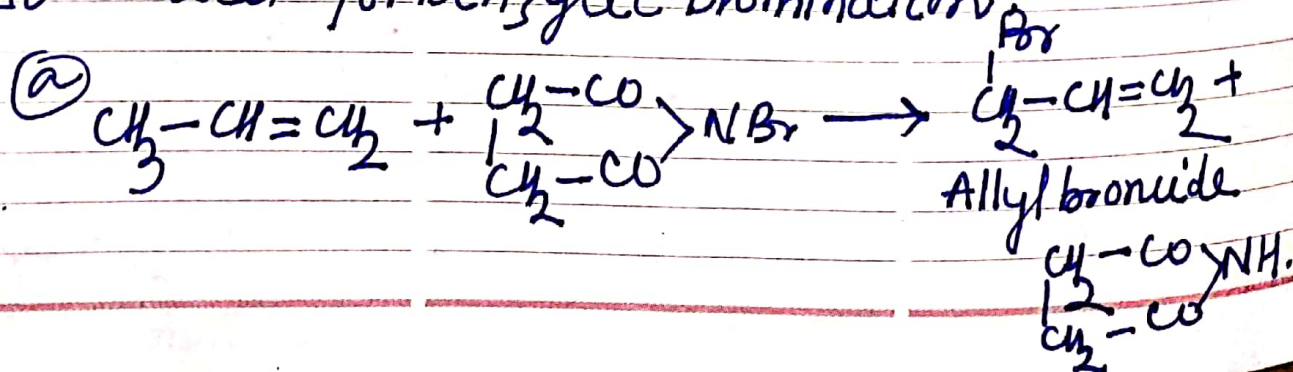


Succinimide.

N-Bromosuccinimide

Application

① In allylic Bromination :- NBS was first introduced by Ziegler in 1942 as selective brominating agent, because it normally brominates the allylic compound in allylic position, it is also used for benzylic bromination.



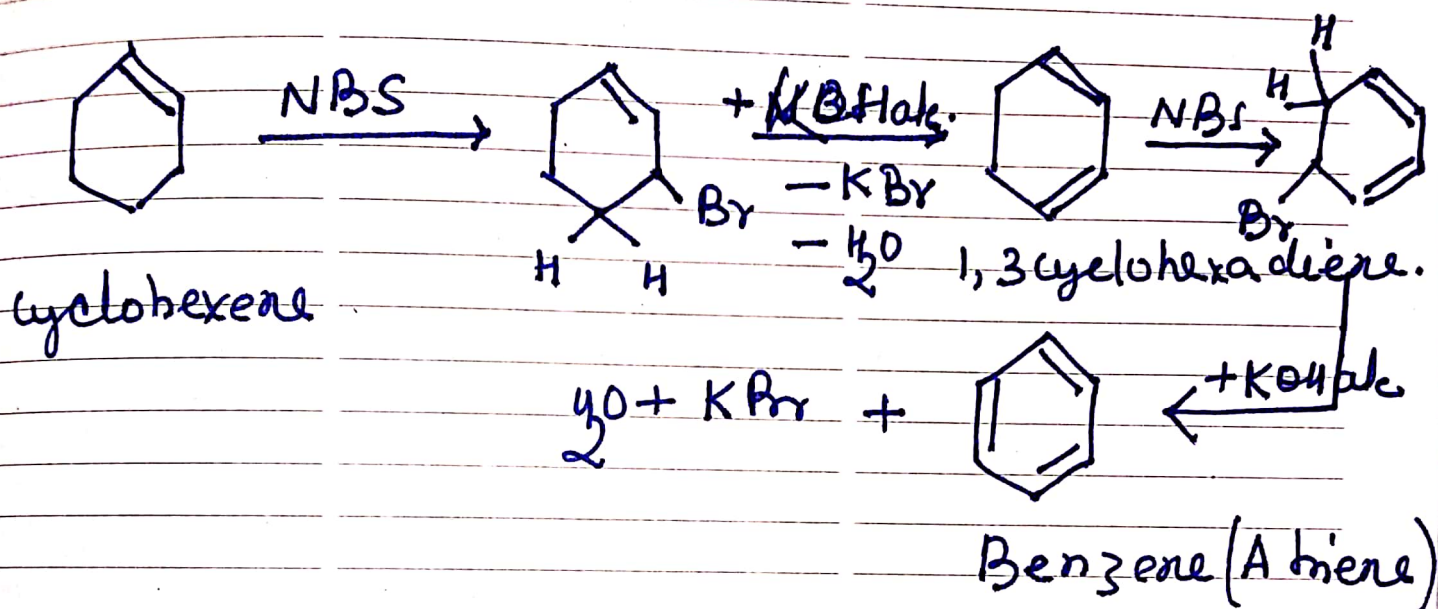
16 Thursday

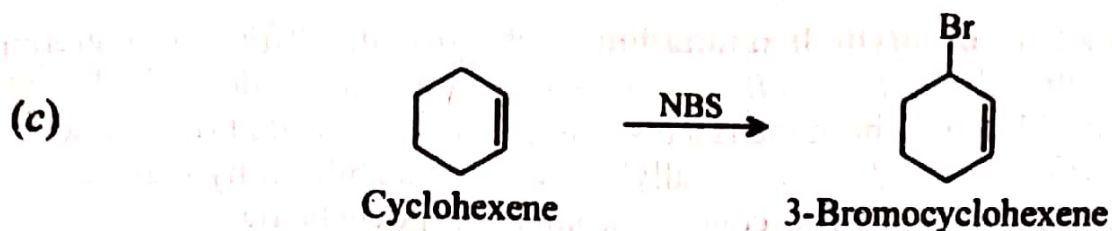
17 Friday

June 2016

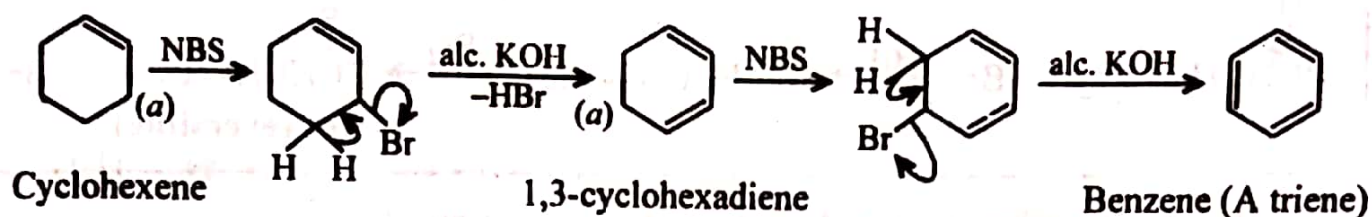
18 Saturday

⑥ Conversion of monounsaturated compd into dienes and then trienes.





(d) In conversion of monounsaturated compounds into dienes and then into trienes. For example,



(e) In conversion of Retenene-1 into Vitamin A₂.

