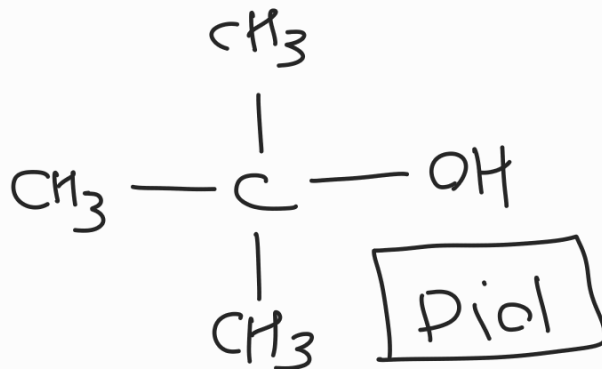
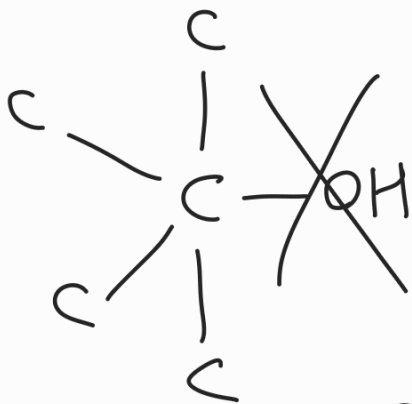
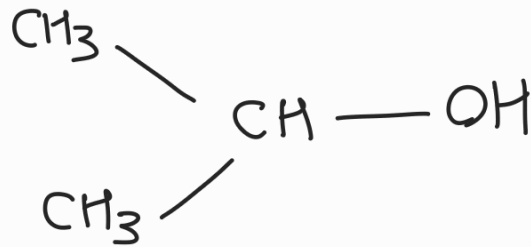
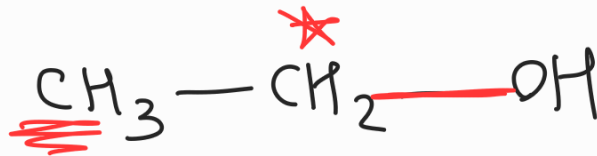


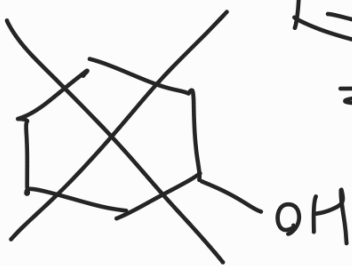
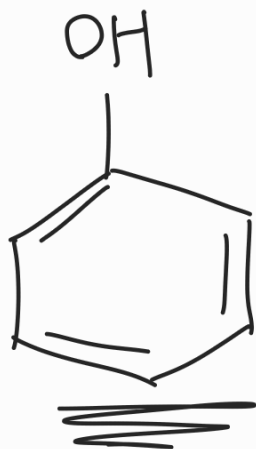
Alcohols :



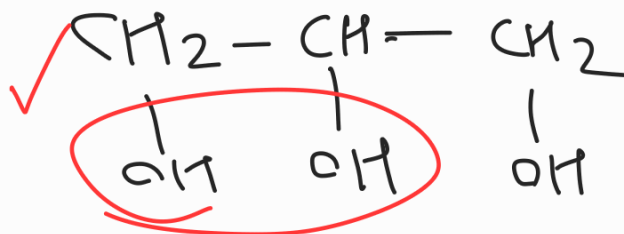
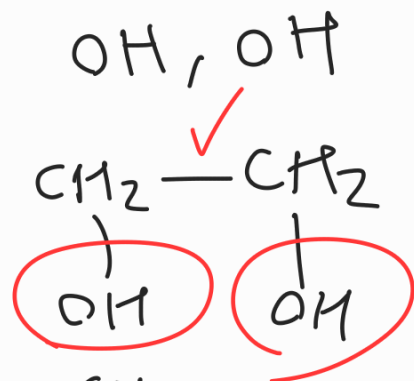
نوع اول



فنول

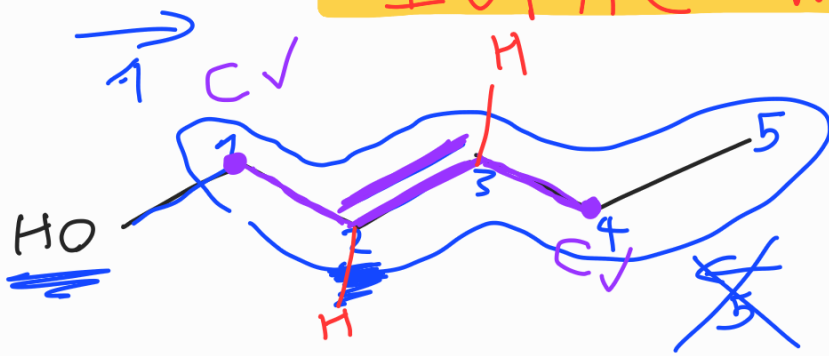


Vicinal

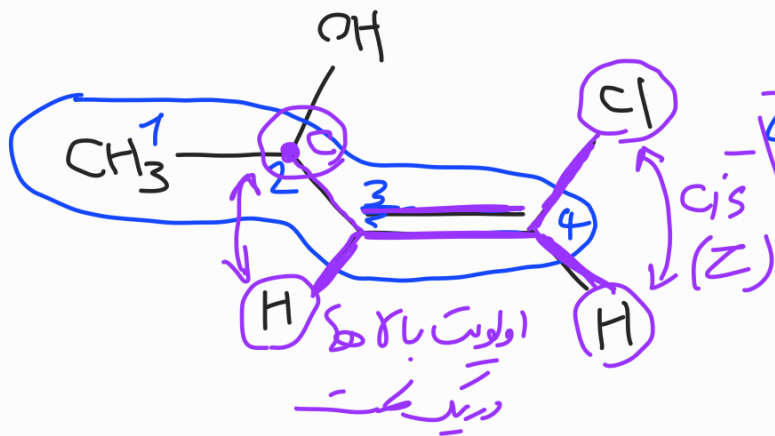


متجاور

IUPAC naming for Alcohols



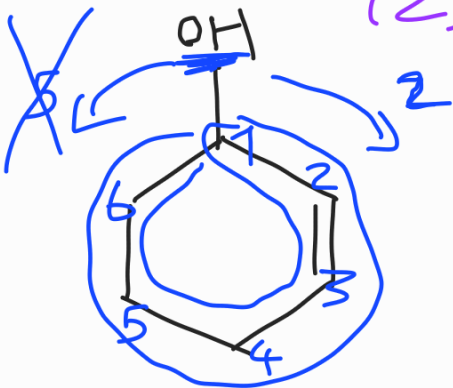
Pent-2-en-1-ol
2-penten-1-ol
(trans) —
E



4-chloro-but-3-en-2-ol

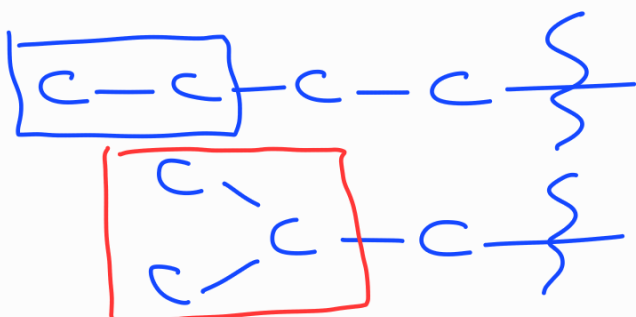
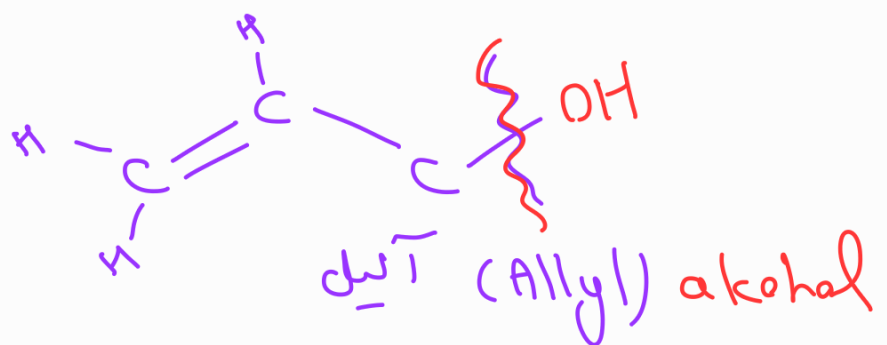
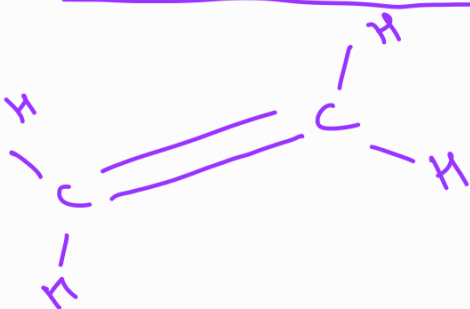
6C 5C ✓

(Z)-4-chloro-but-3-en-2-ol



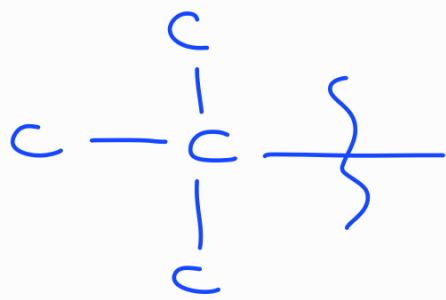
cyclohex-2-en-1-ol

3-iodomethyl-2-isopropyl-pentan-1-ol

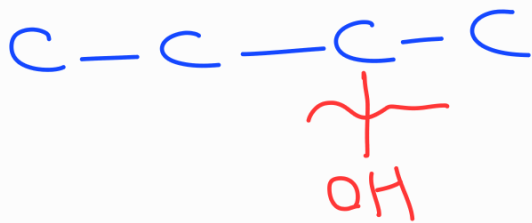


n-butyl

ایزوبوتیل

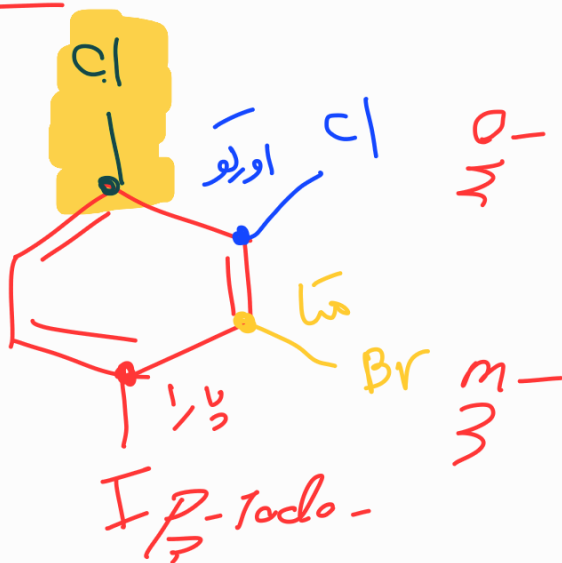


tertiary butyl test-butyl



sec-butyl

Dial



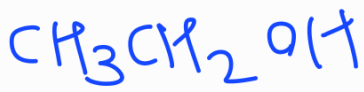
اس
bp

>

اگر
bp

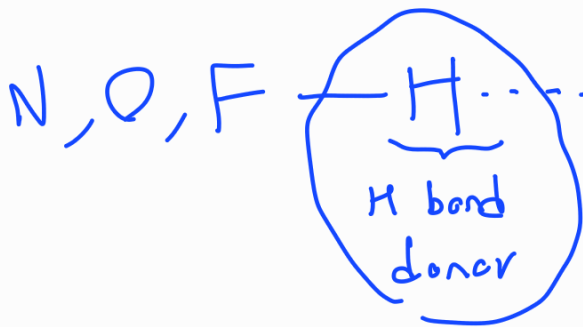


لیونر ہائیڈروجن بین مولوں



هیدروژن

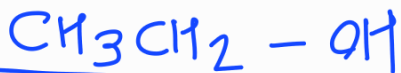
دو قطبی - دو قطبی



H bond acceptor



Dissolution



like loves like

Greasy



↑ miscible

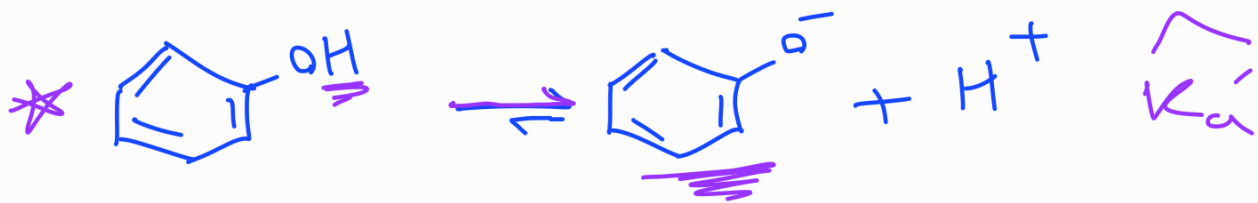
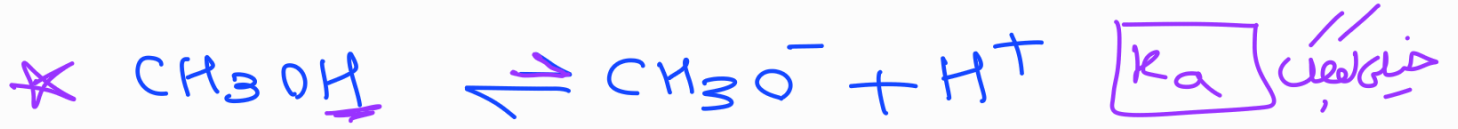
↑ اختلاط

هیدراتاسیون

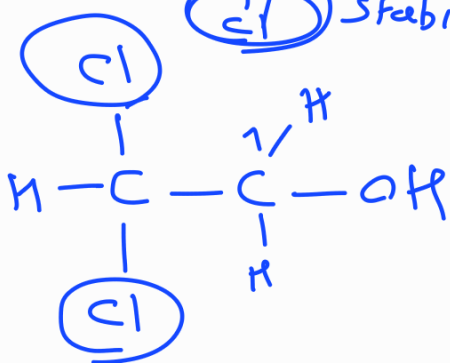
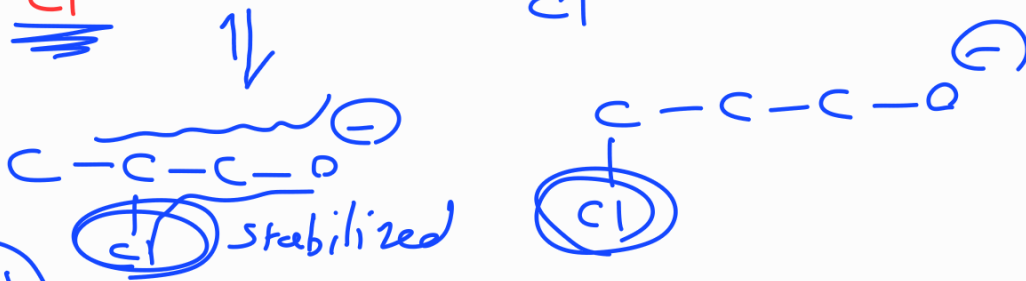
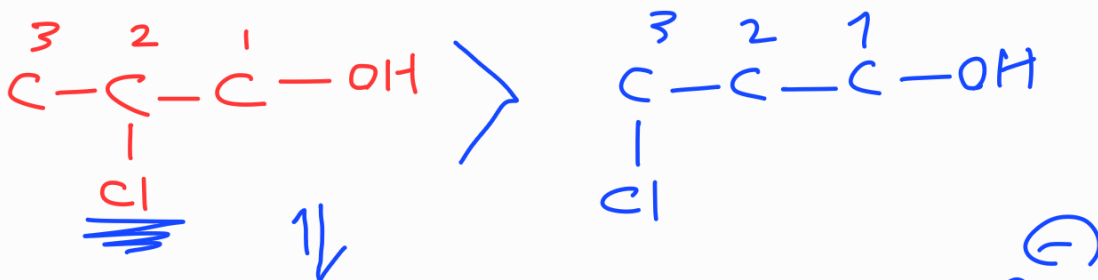
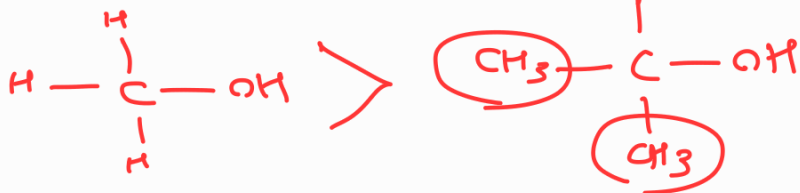
Salvation
حلال یونی

ایست

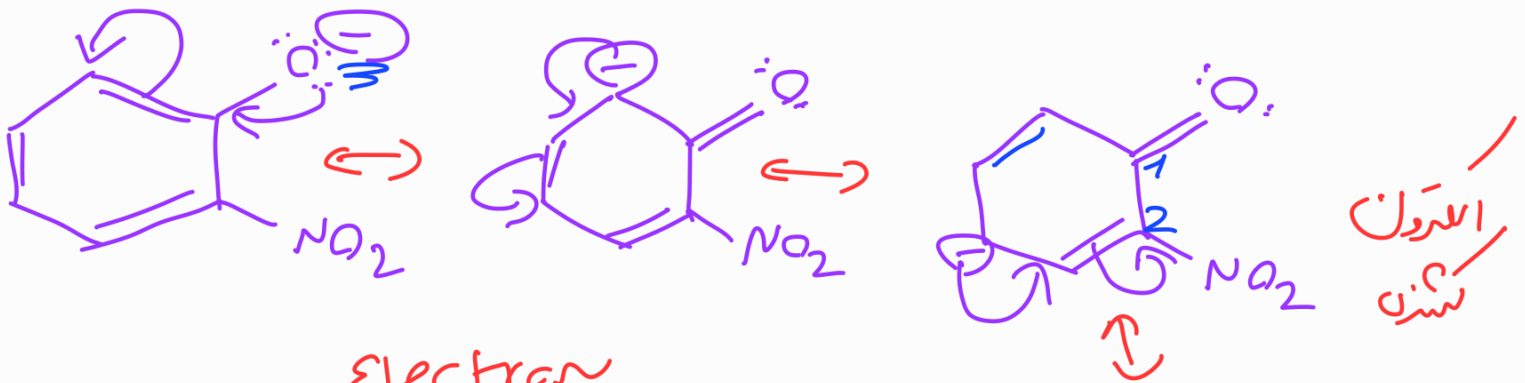
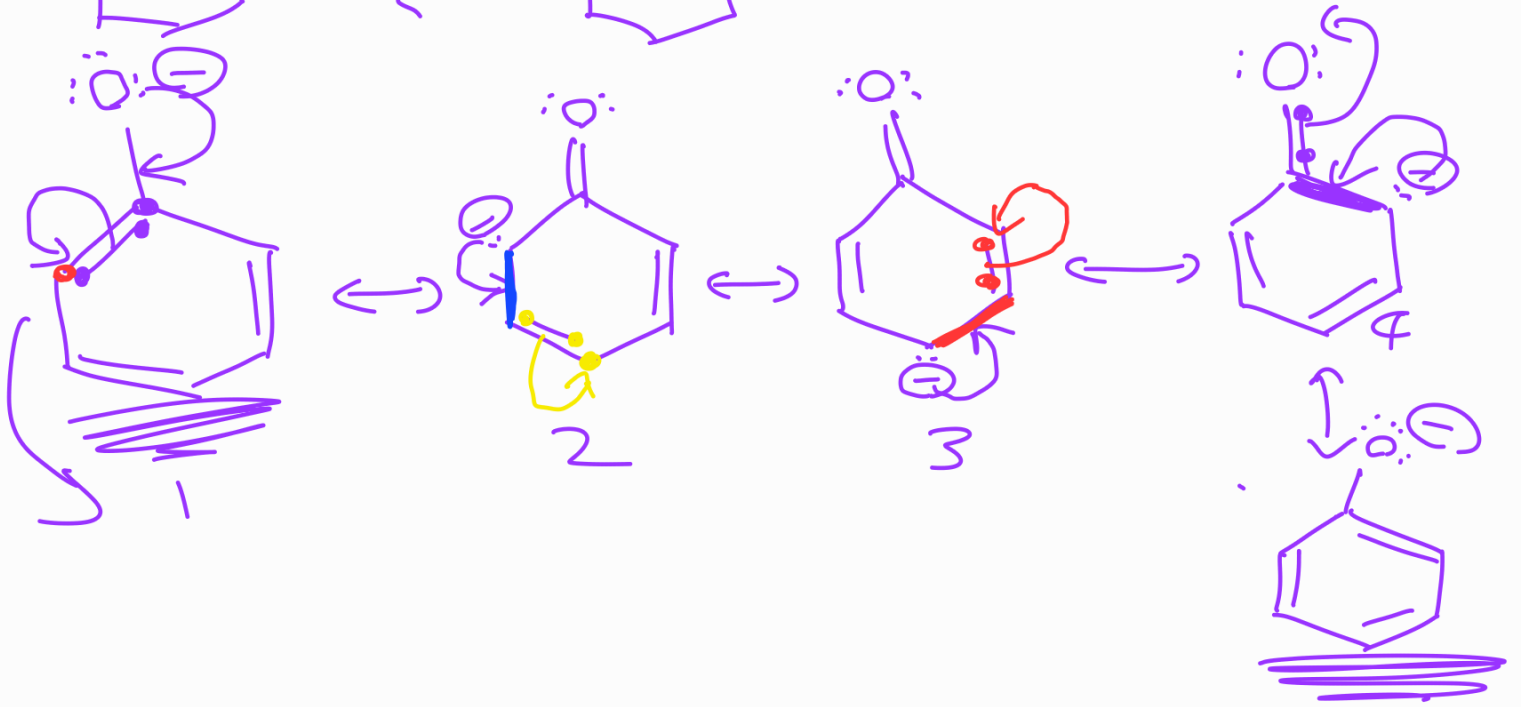
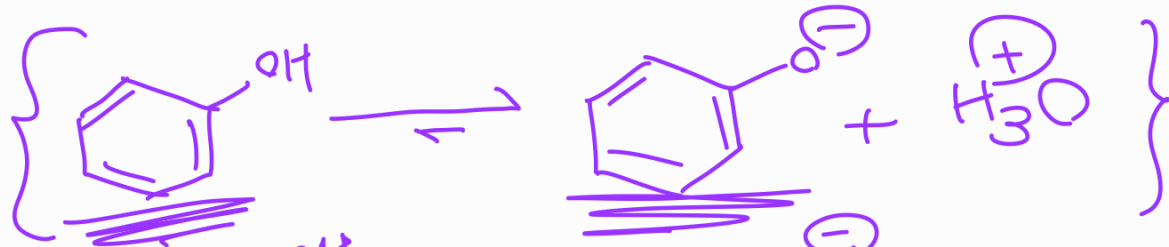




a) CH_3OH

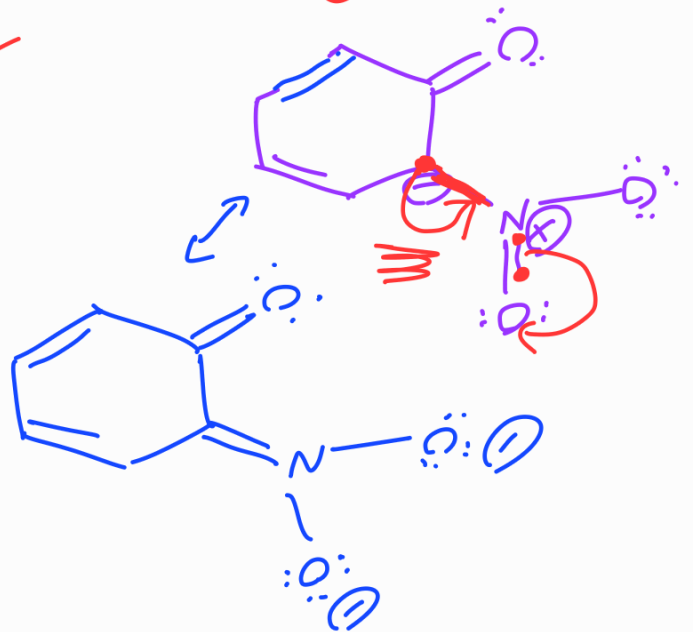


* commercial Alcohols EtOH, ...

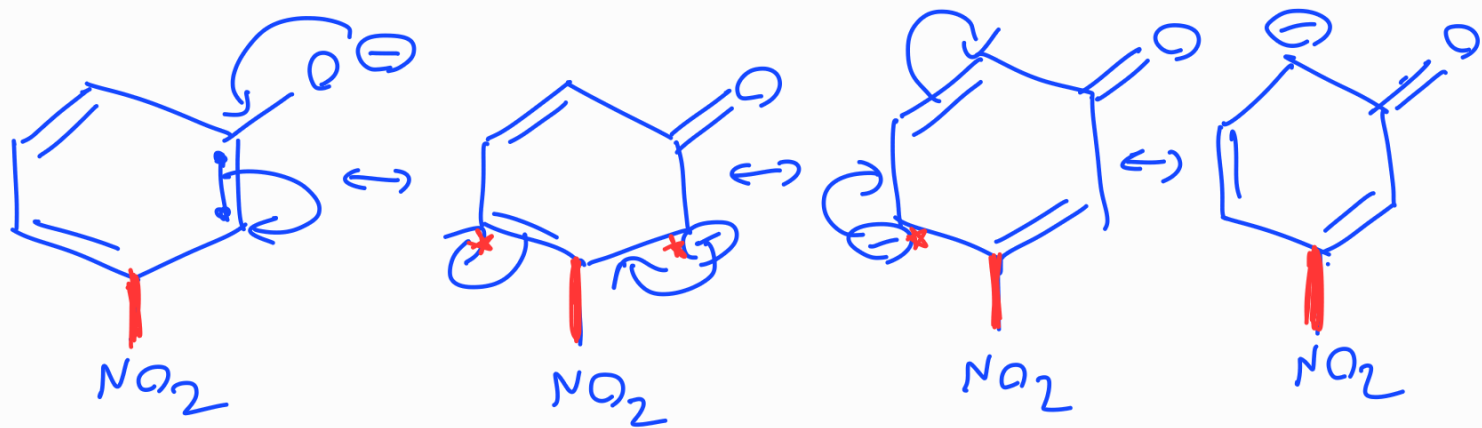


Electron withdrawing group

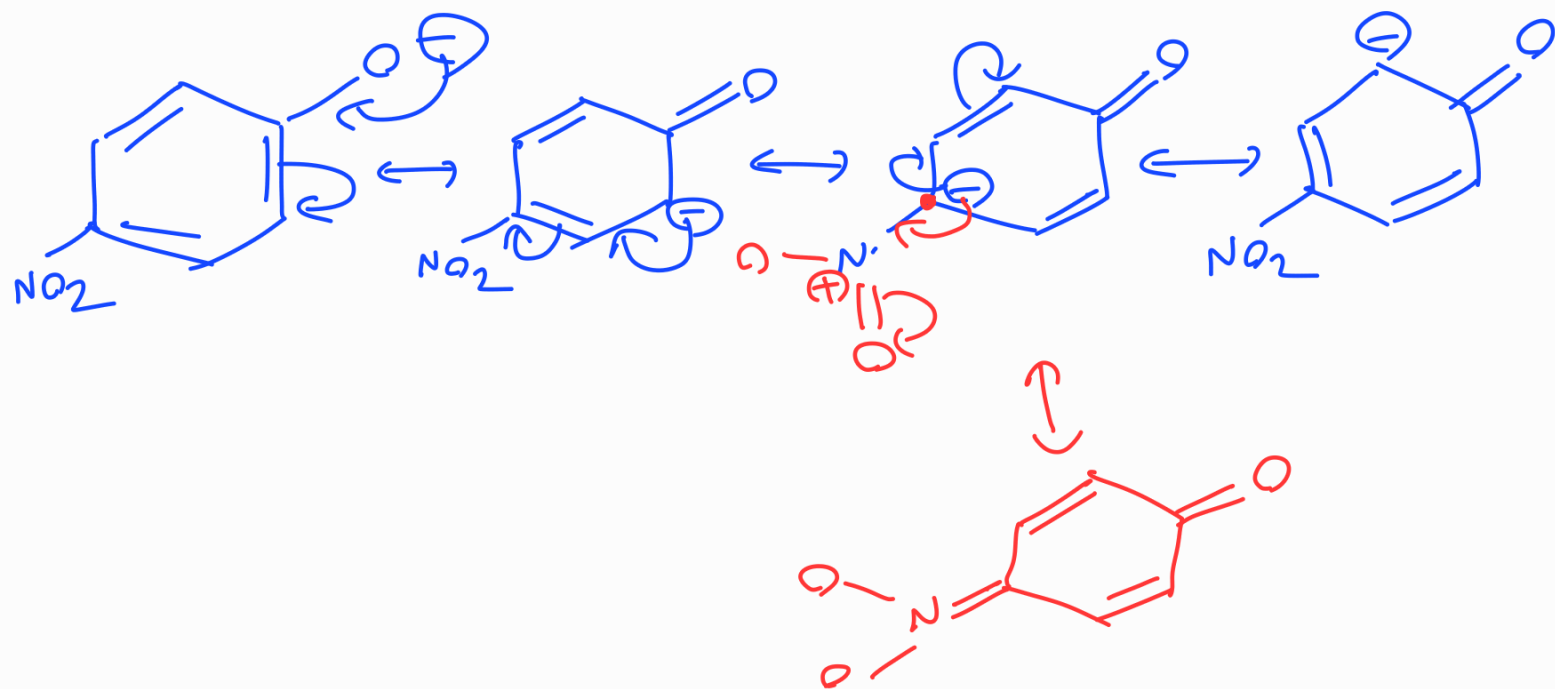
delocalize



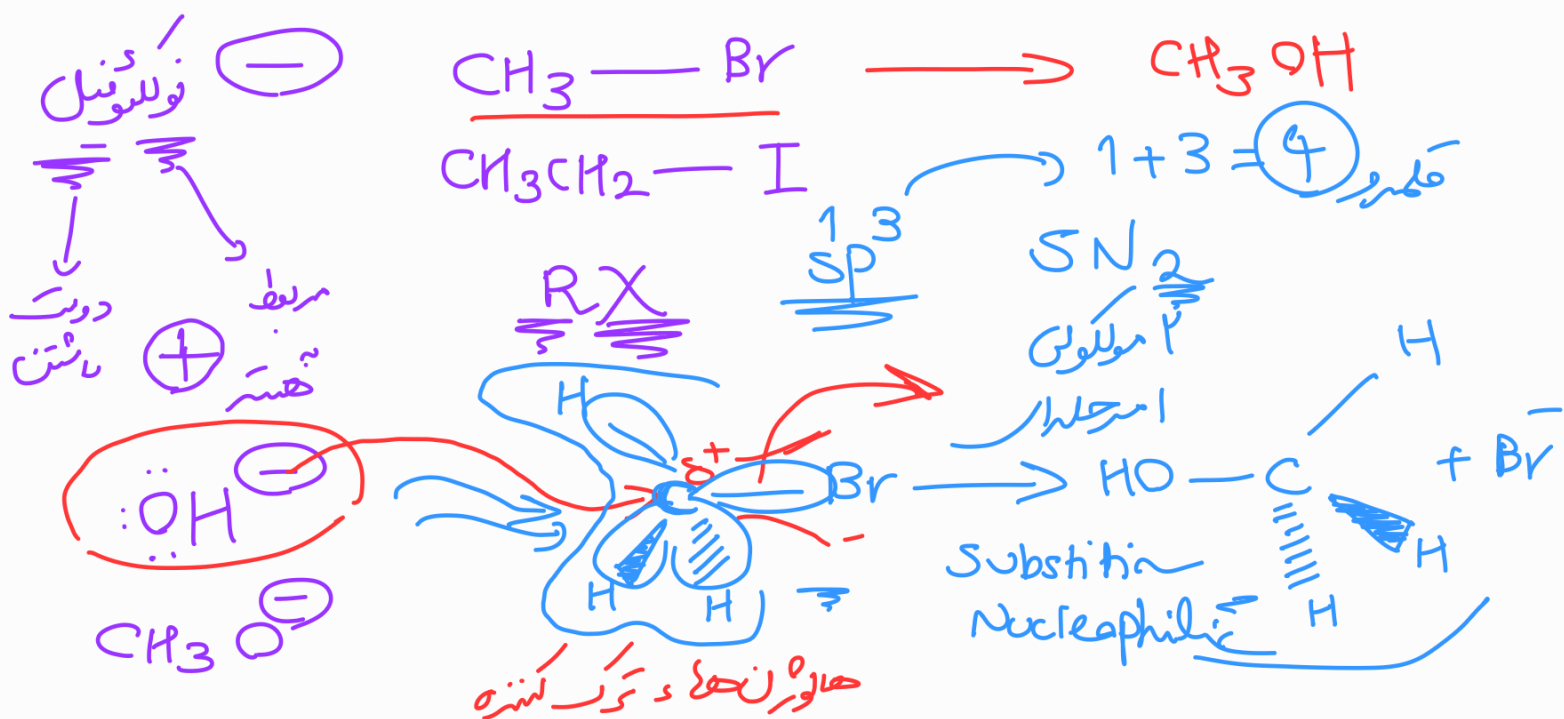
الـنـوـن
سـنـي

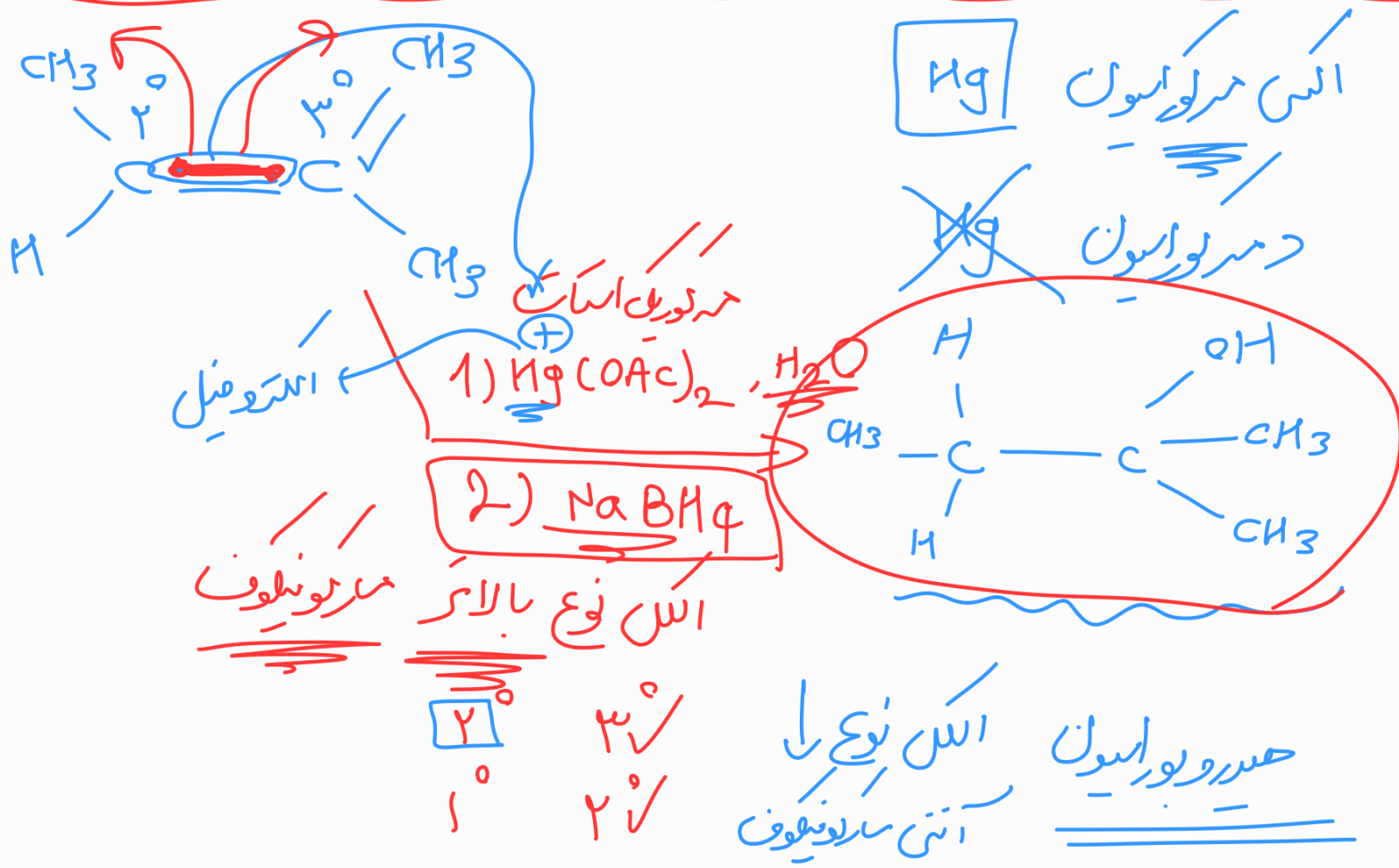
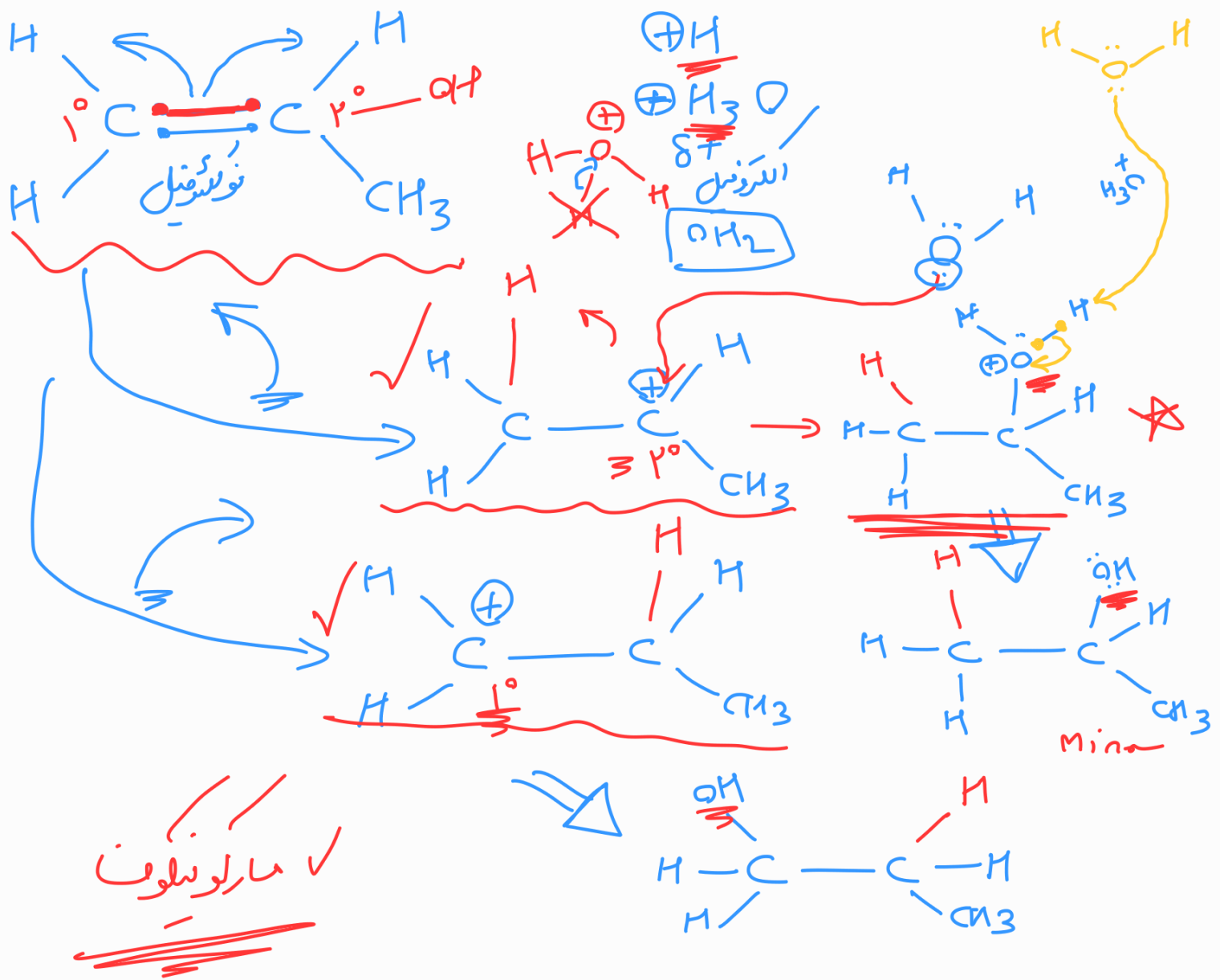


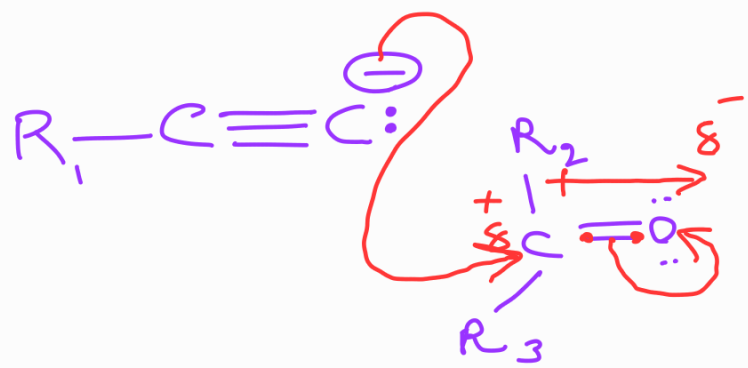
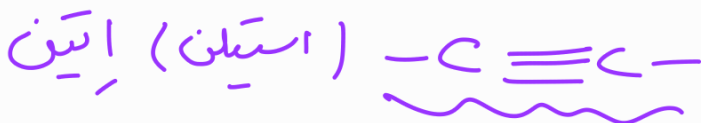
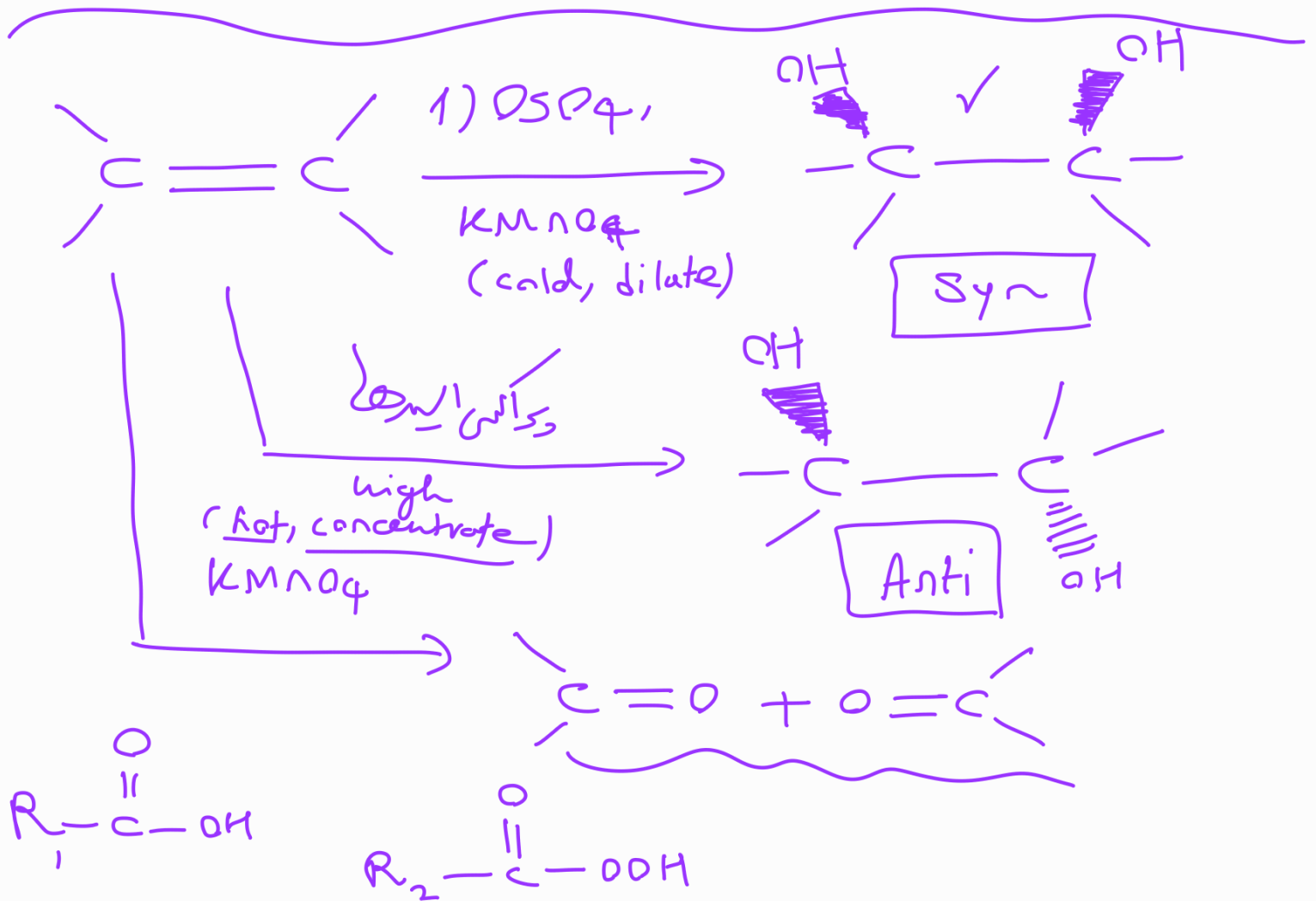
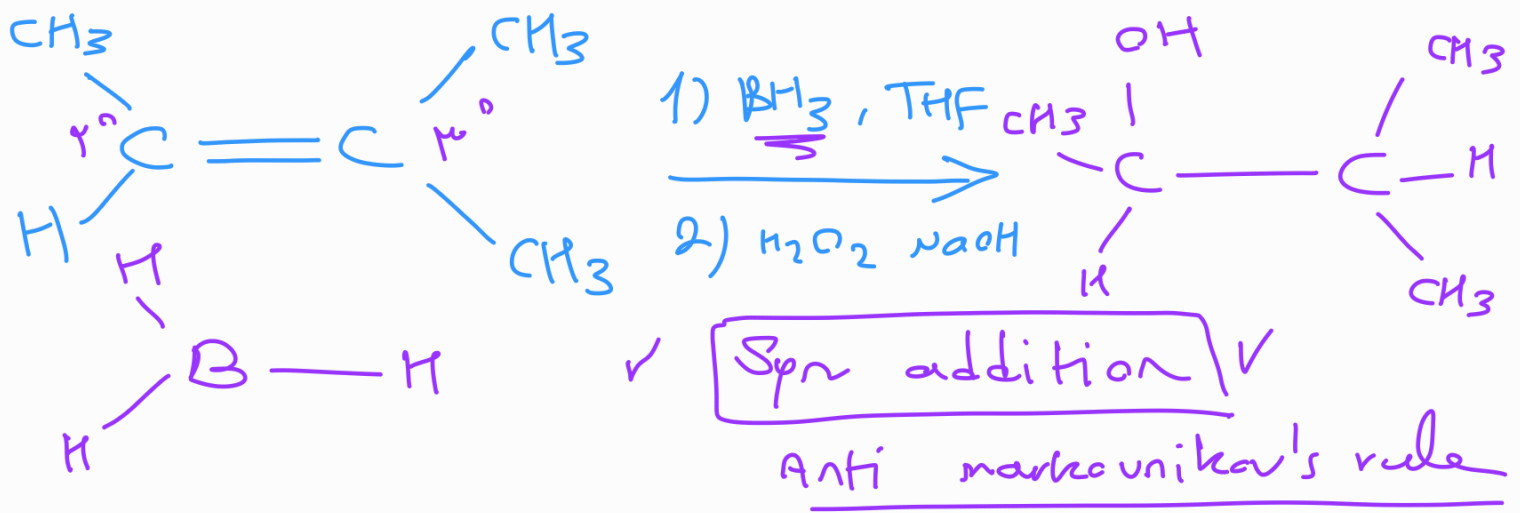
۳ نیرو فنون نمی آید ر هت

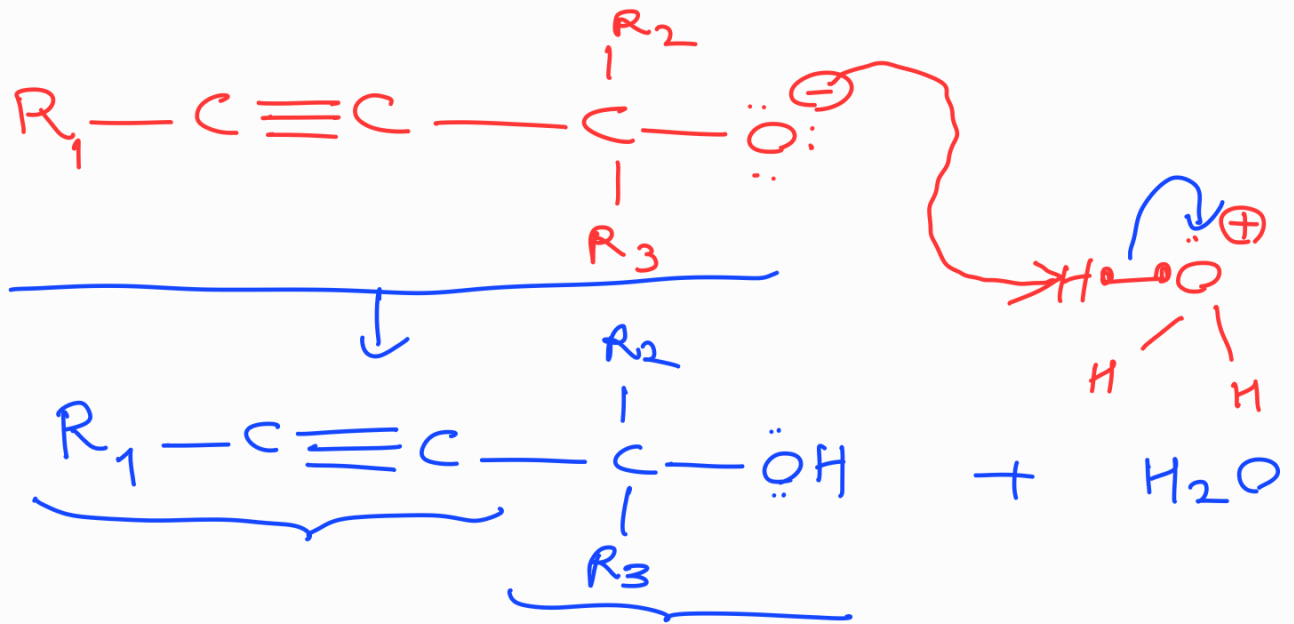


chapter 2 - Synthesis

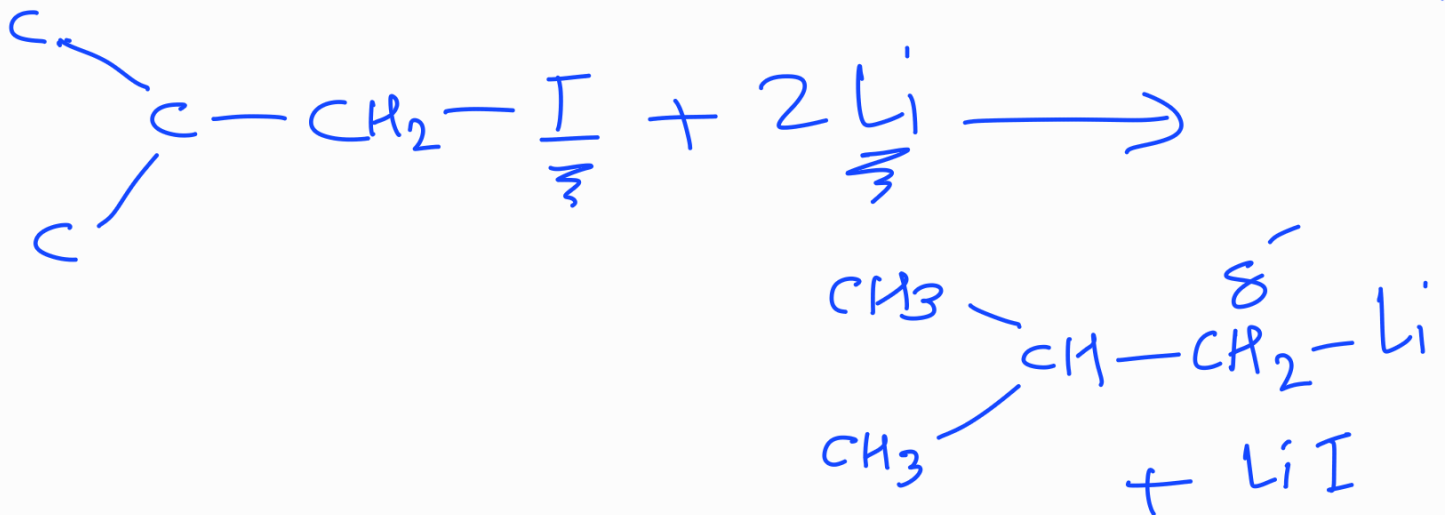
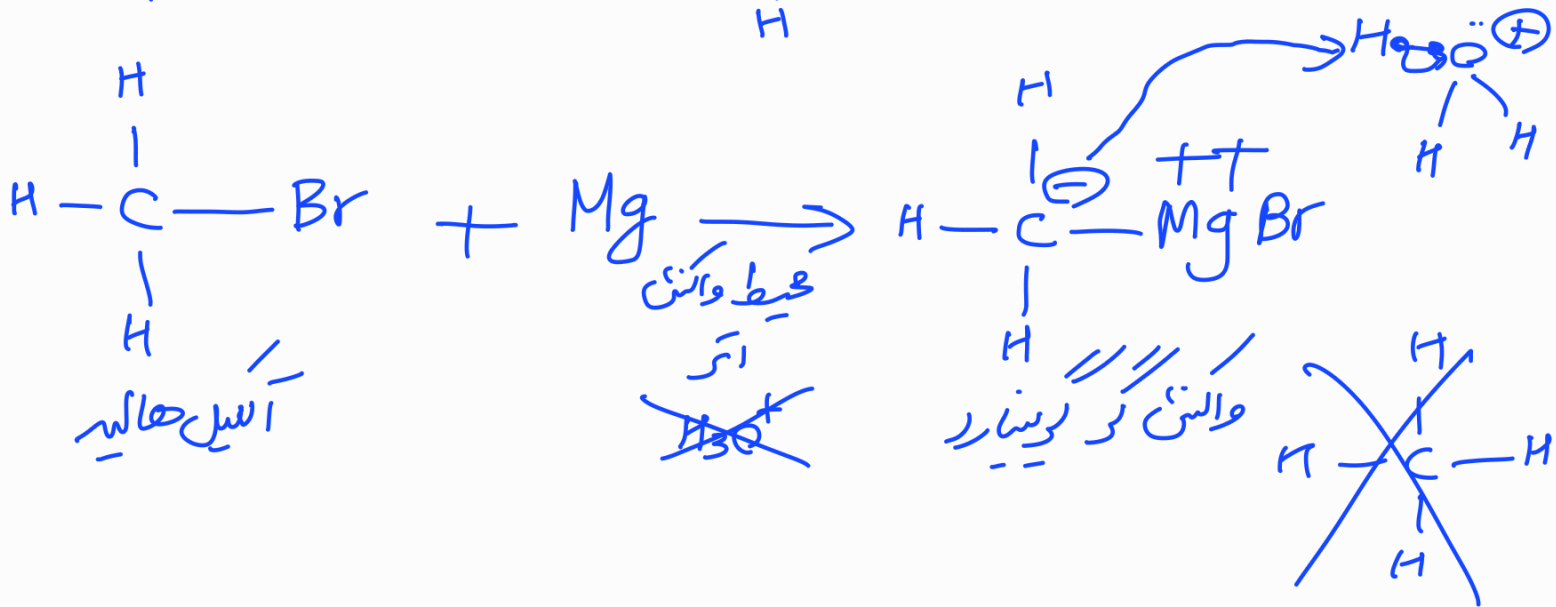
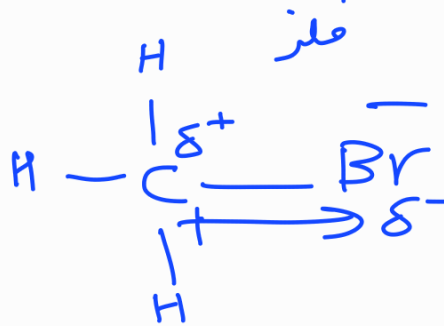
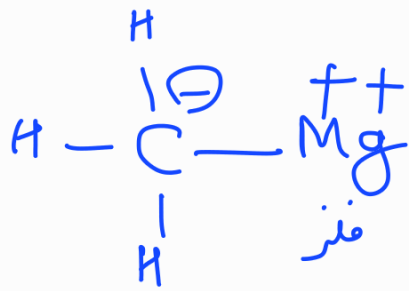




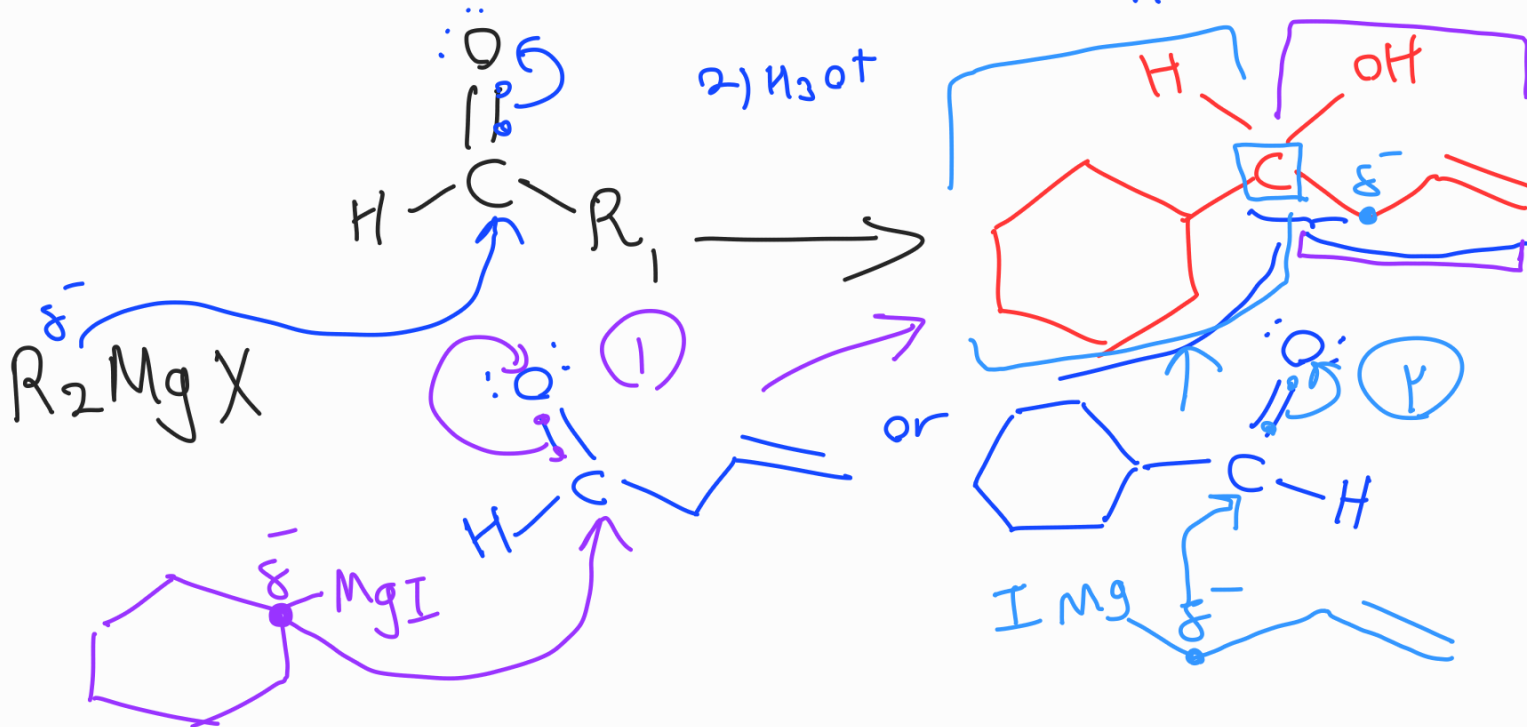
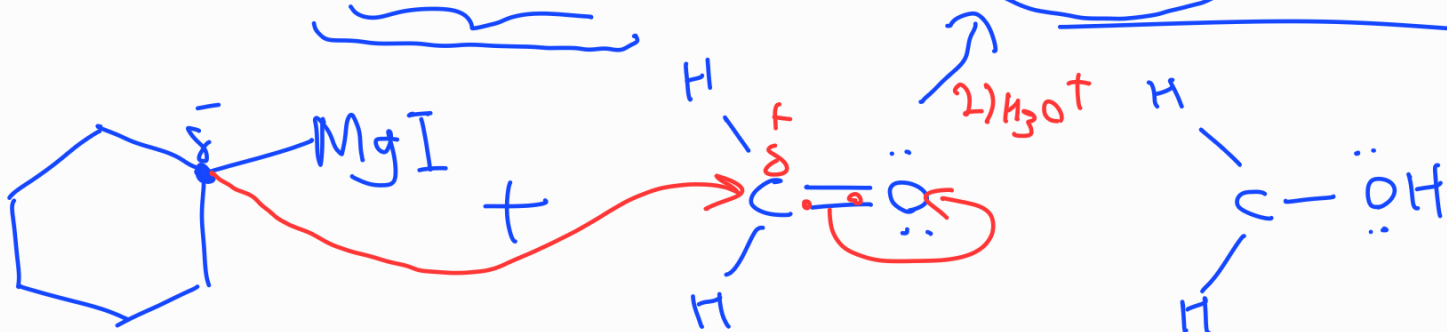
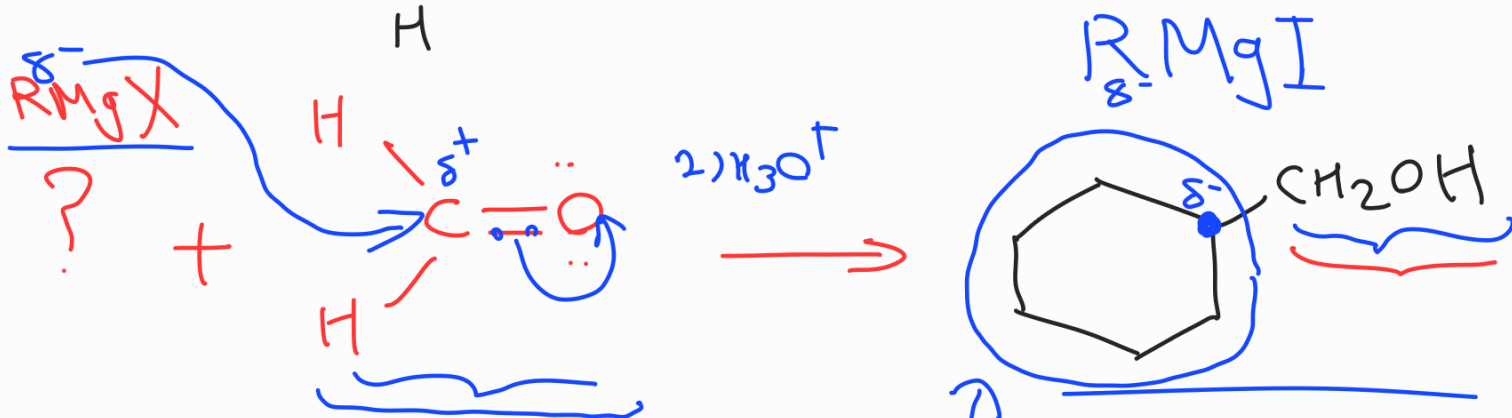
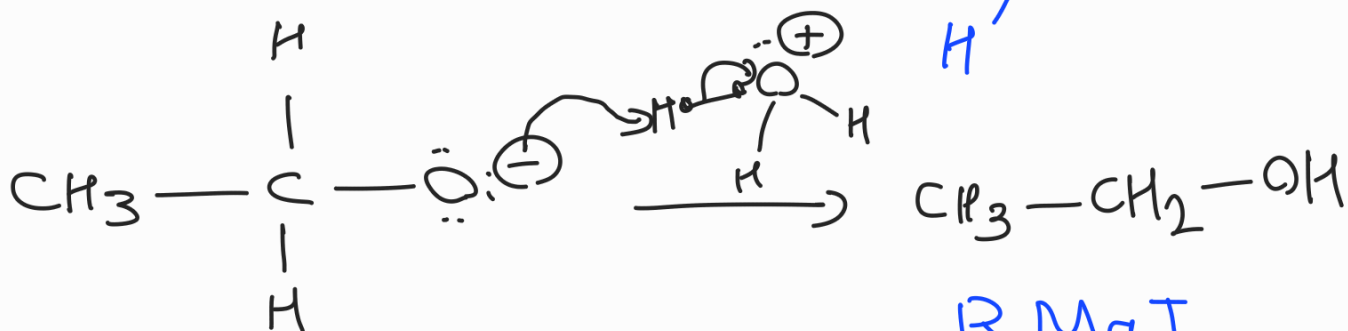


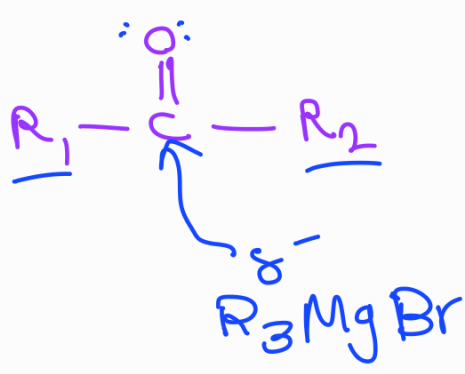


Organometallics

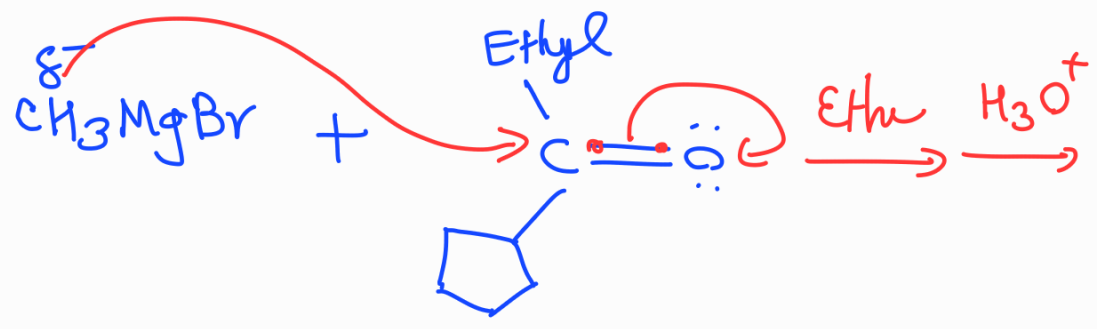
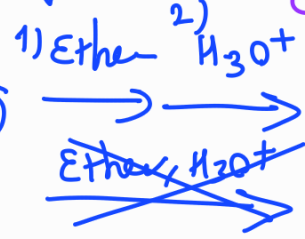
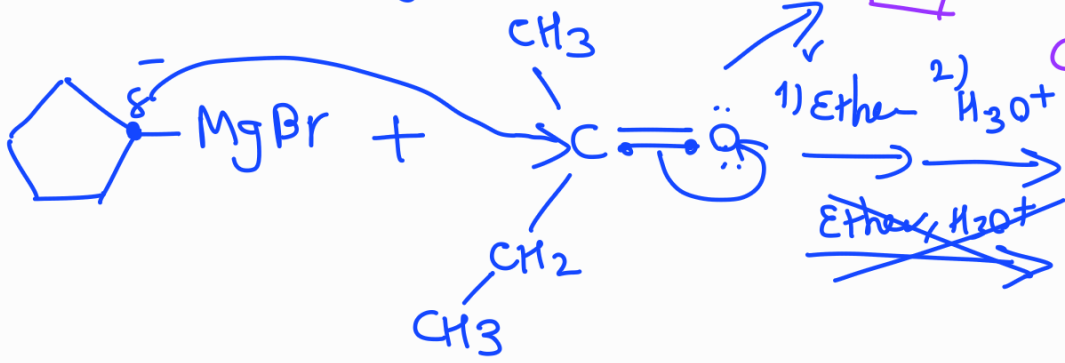
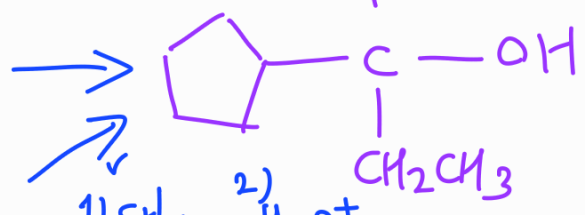


Acetylenic alcohol

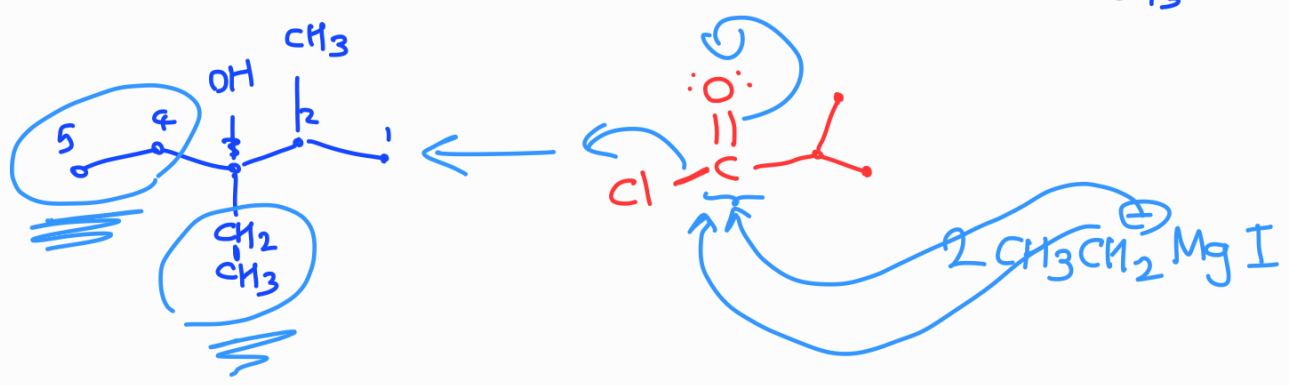
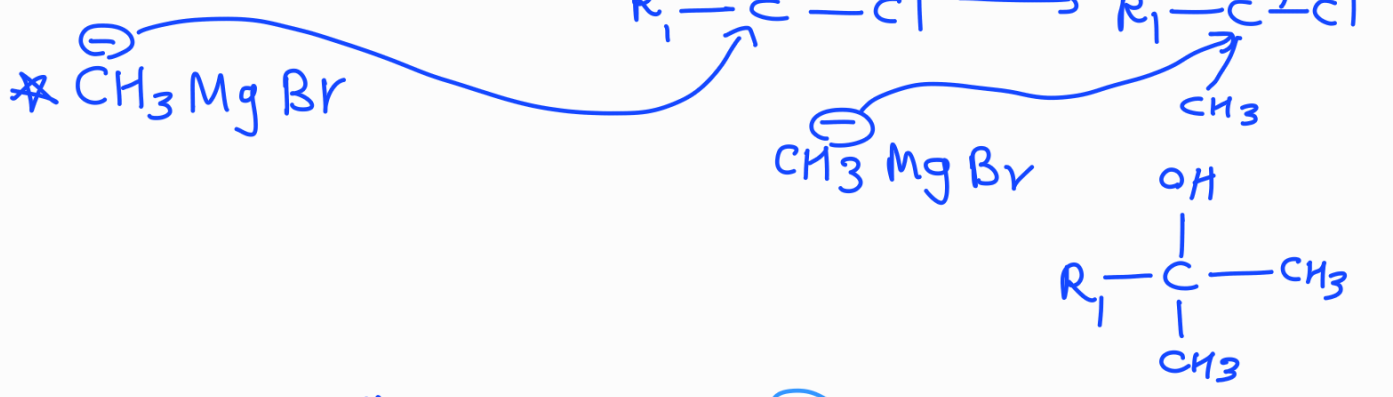
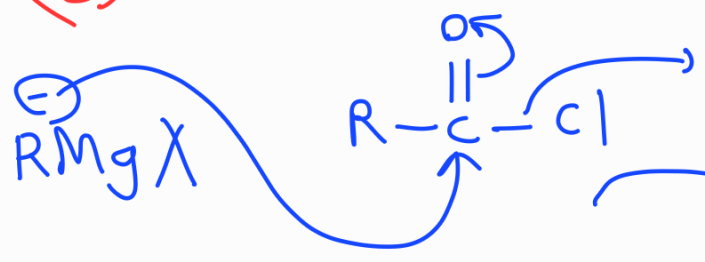


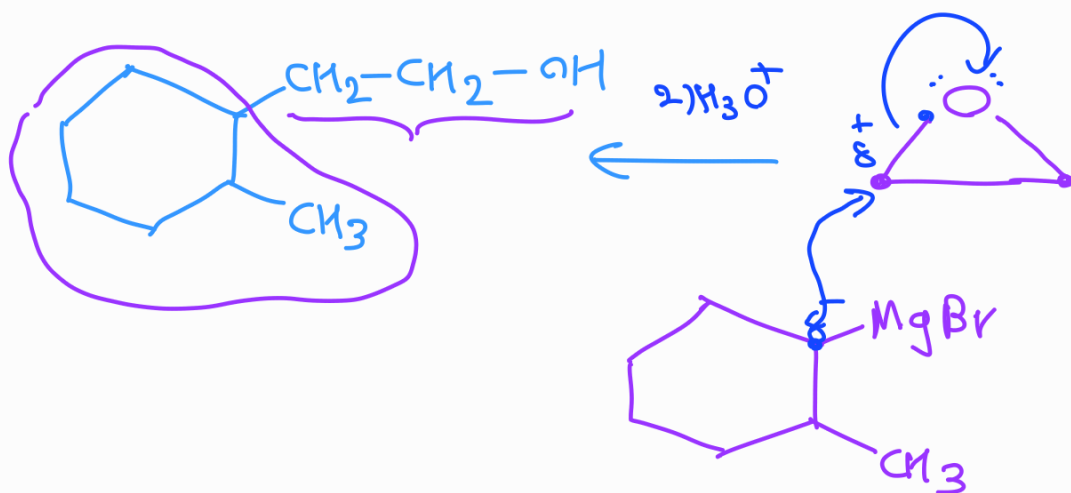
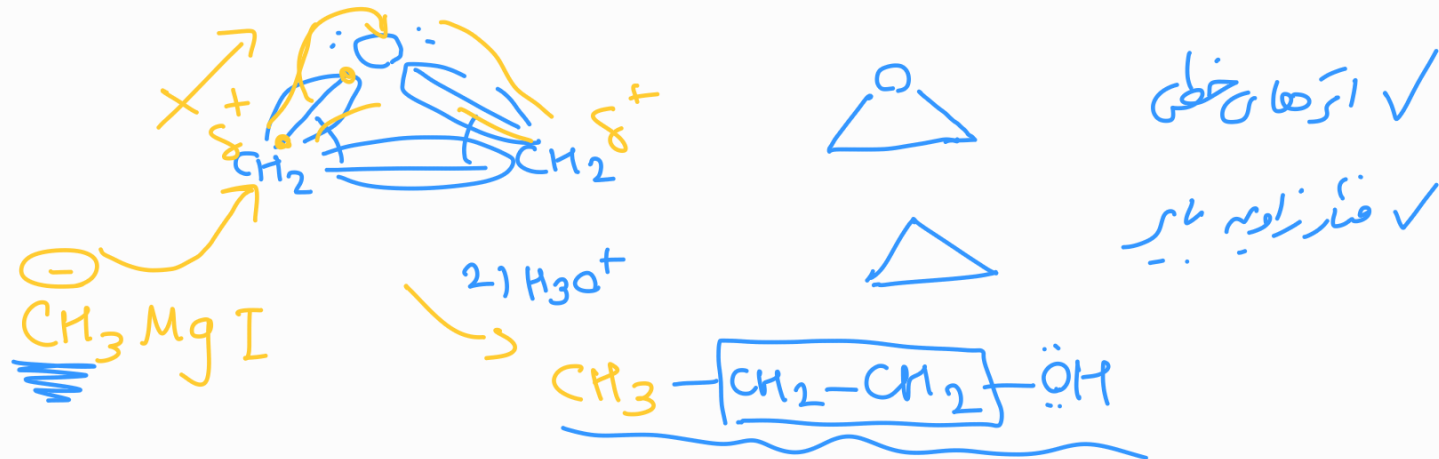


- ① Me, Et + cyclopent
- ② Me, cyclopent + Ethyl
- ③ Et, cyclopent ^{CH₃} + MeMg

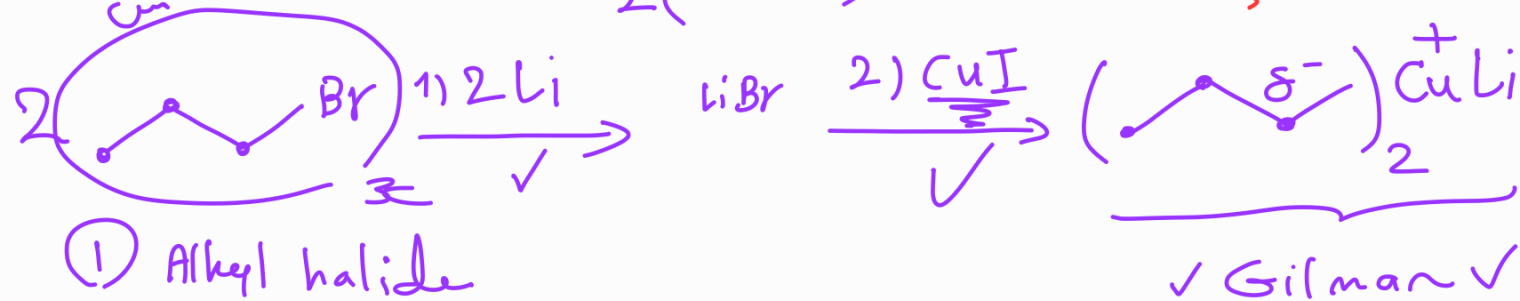
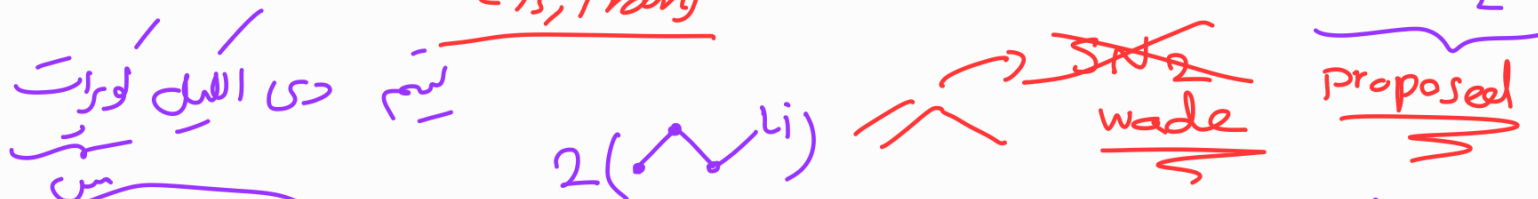
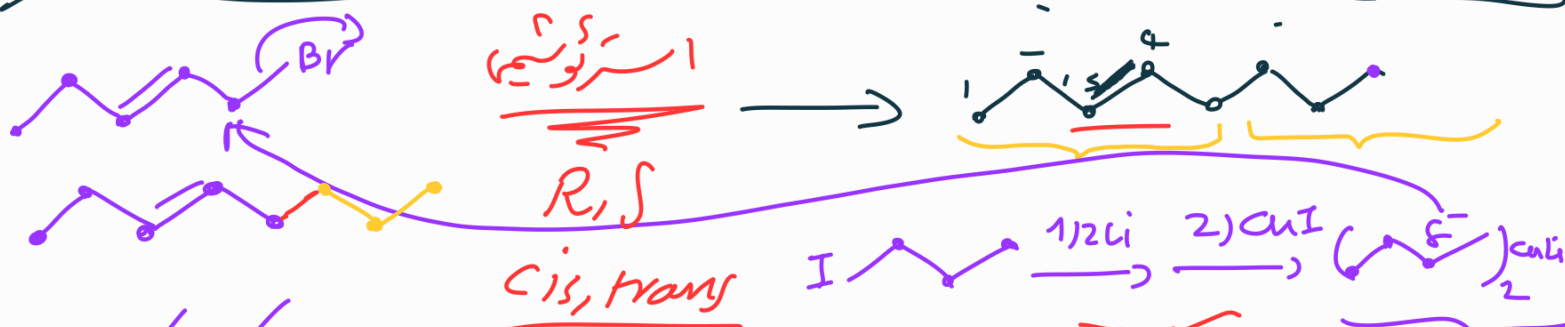
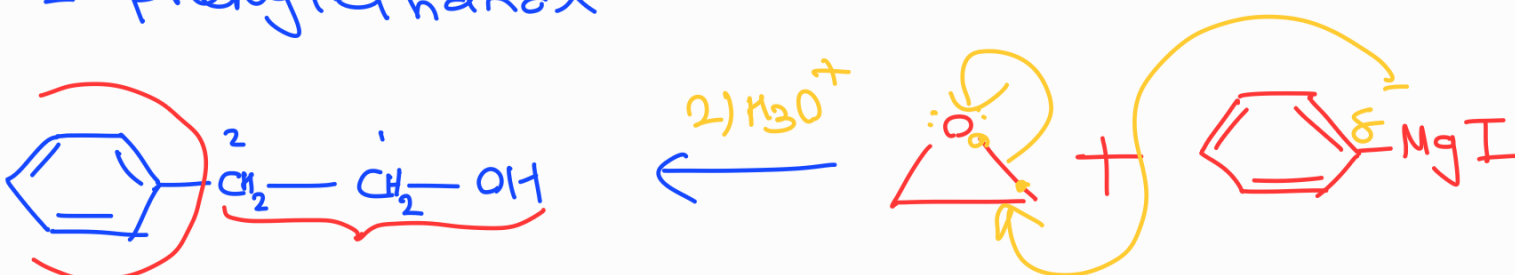


③

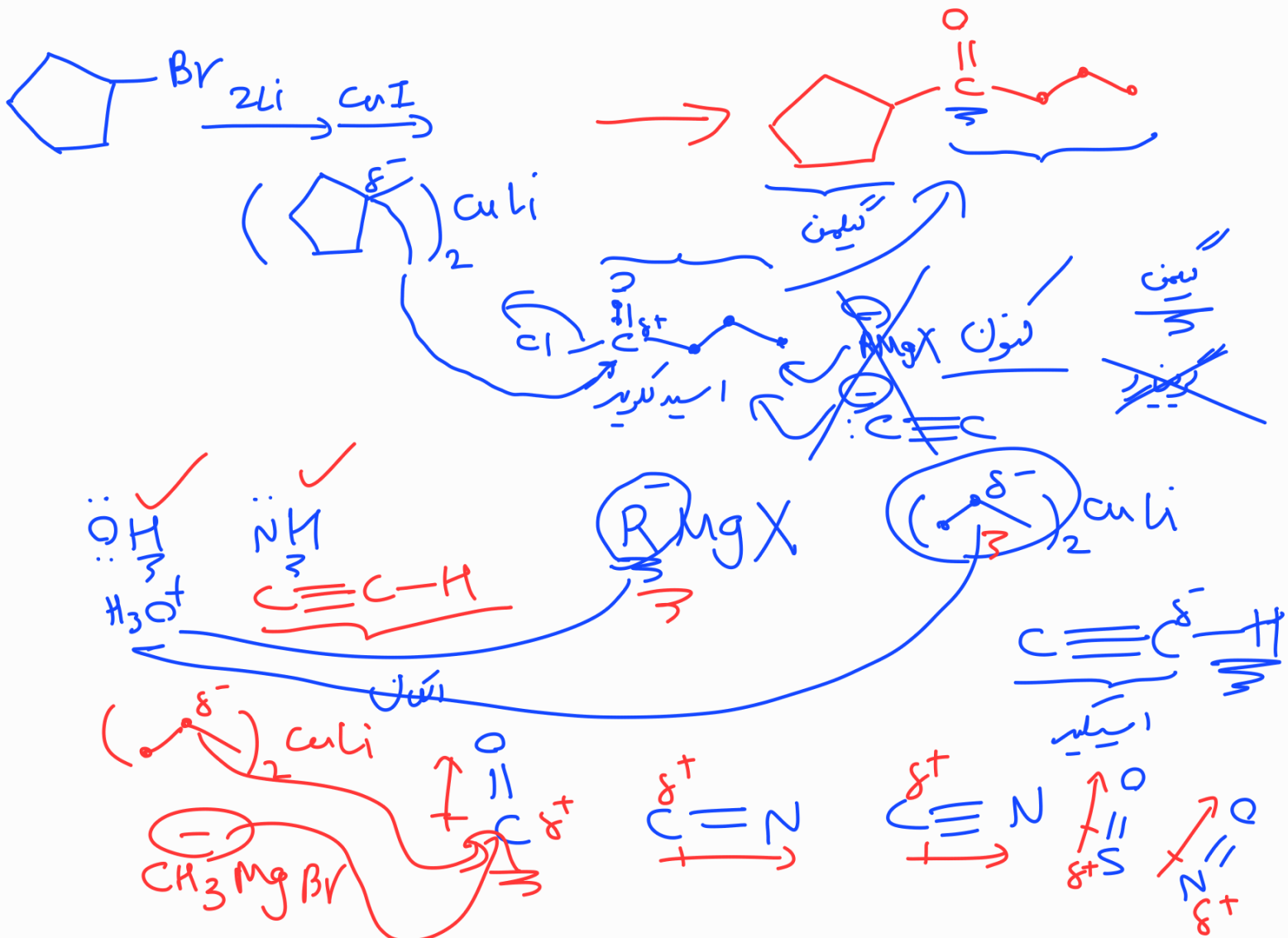
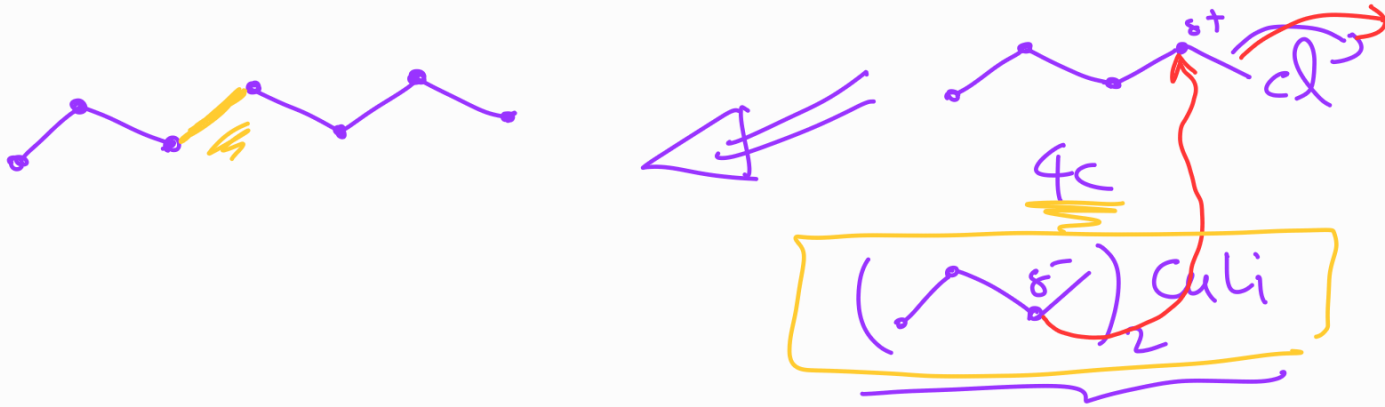




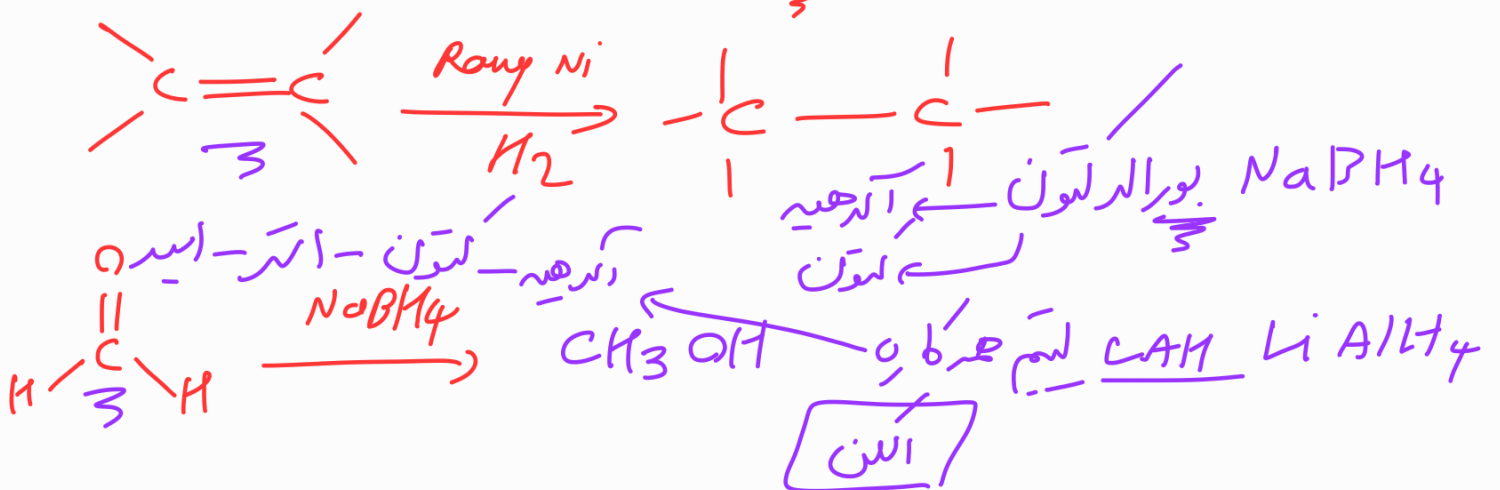
2-phenylethanol

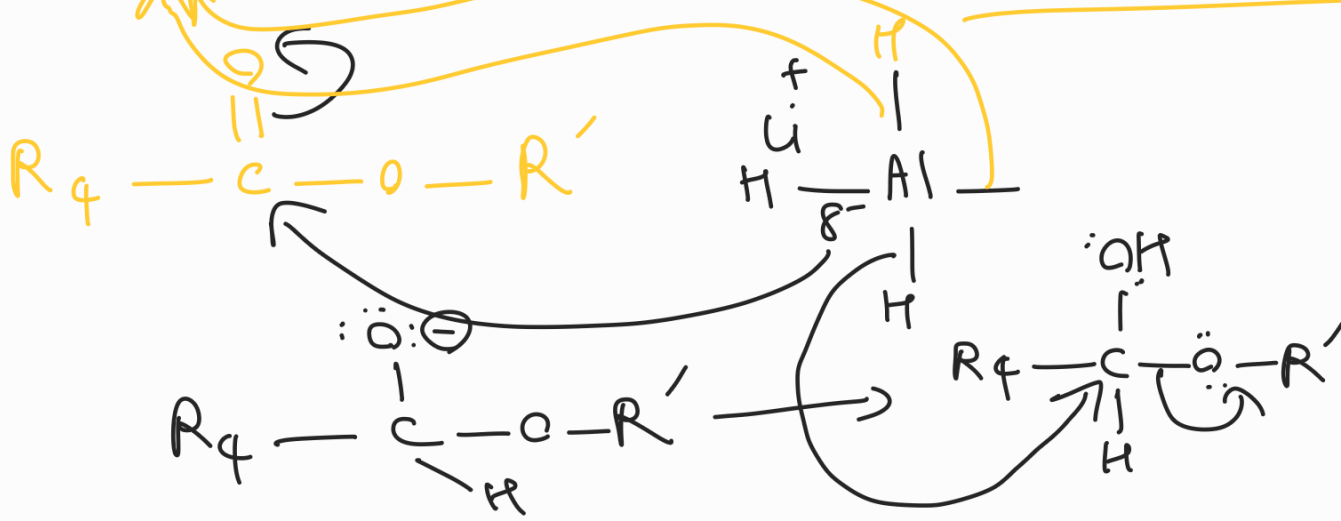
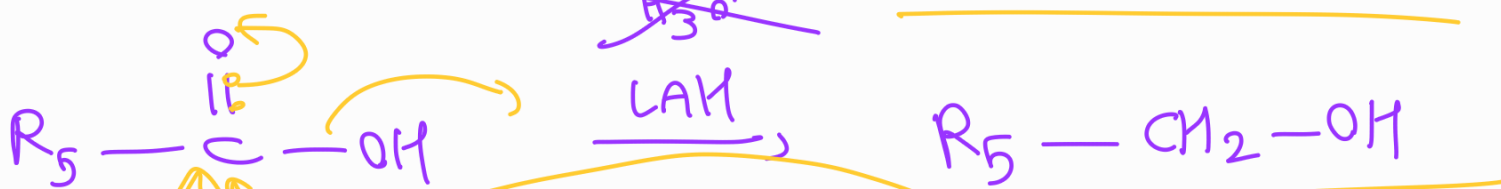
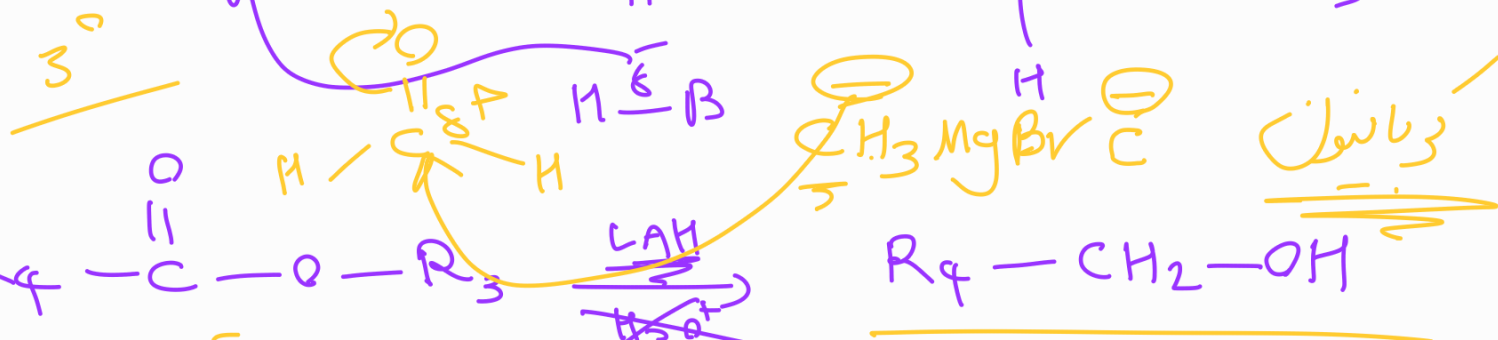
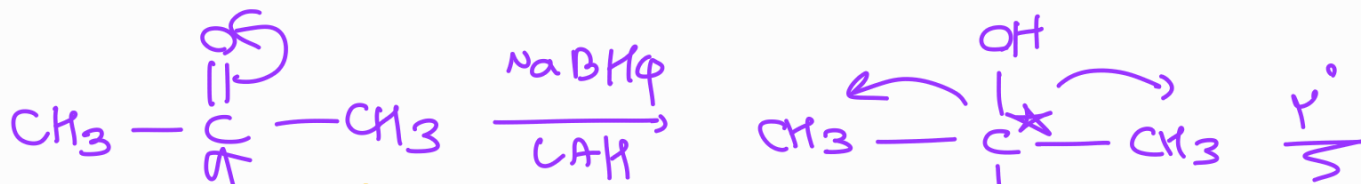
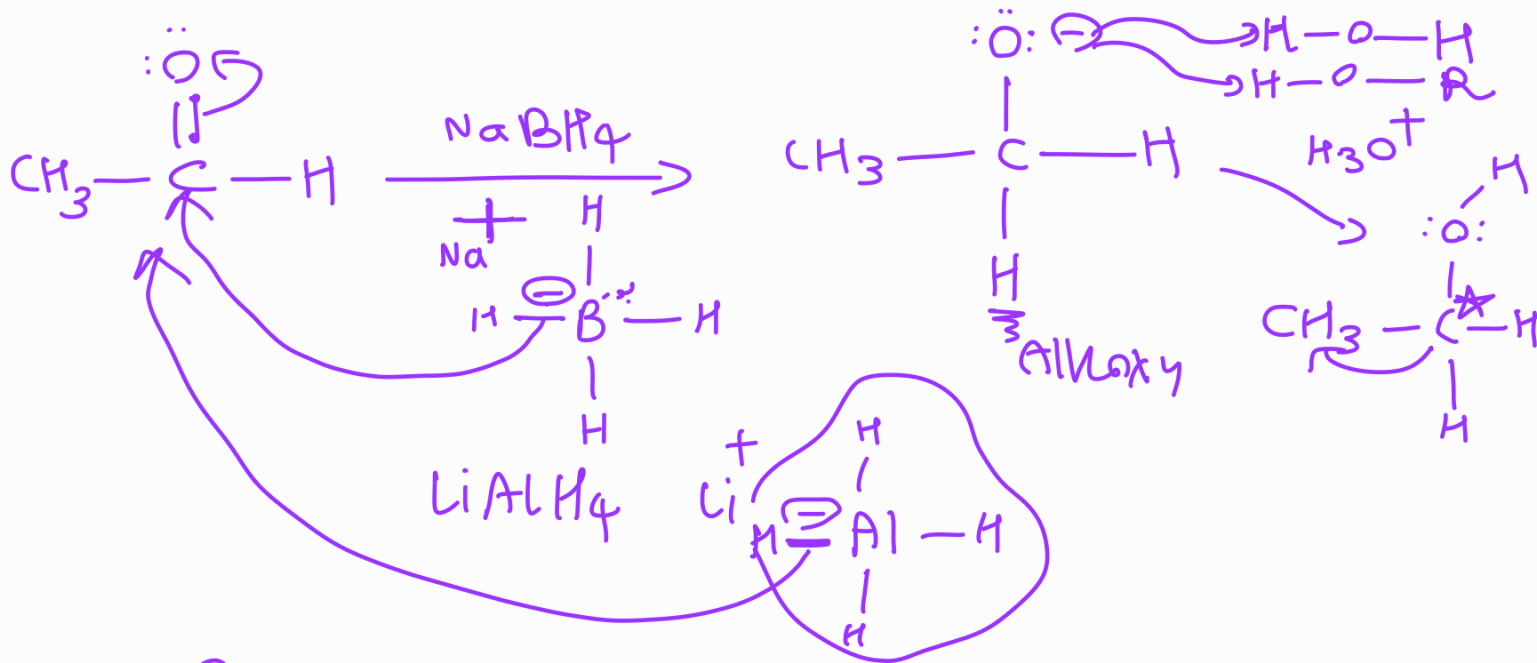


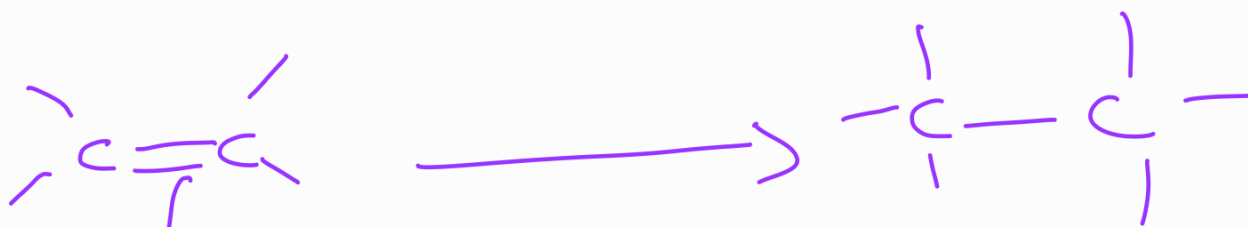
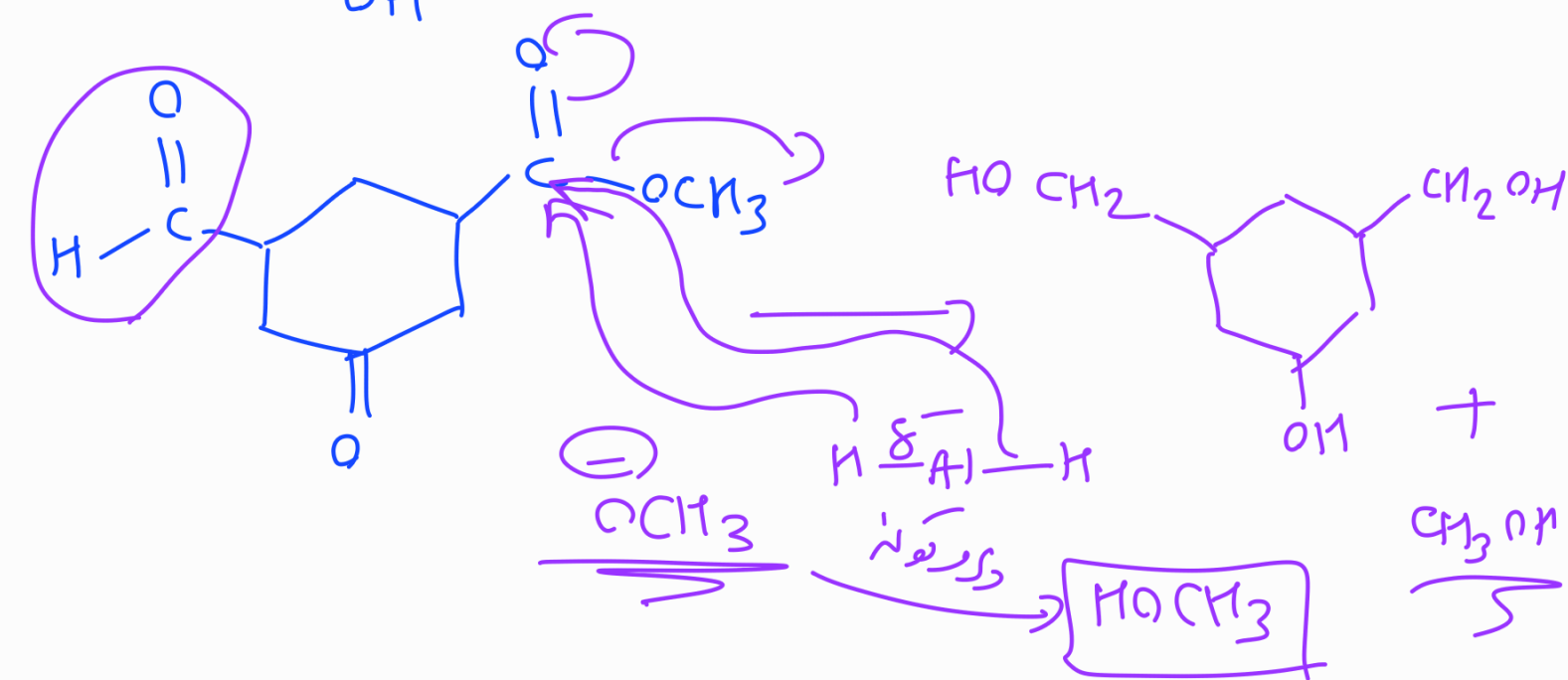
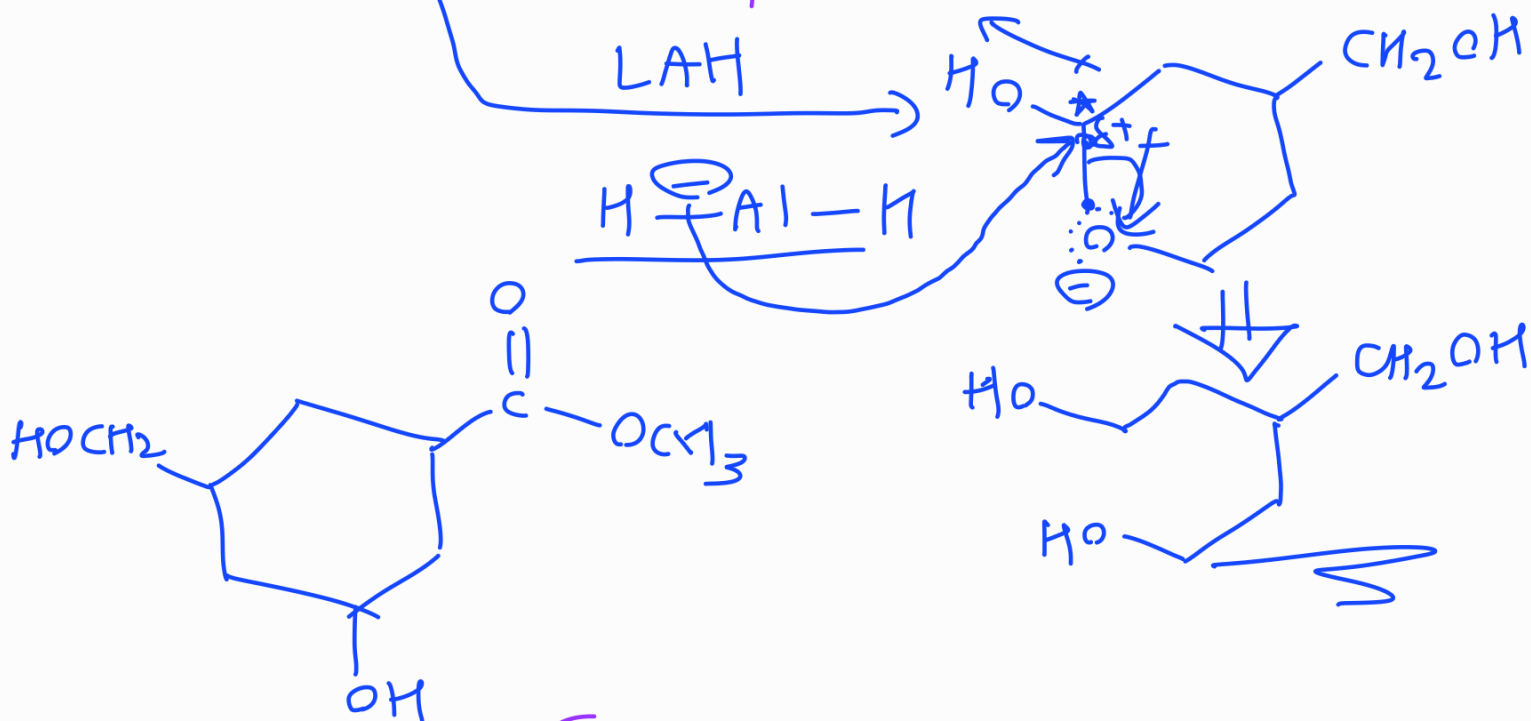
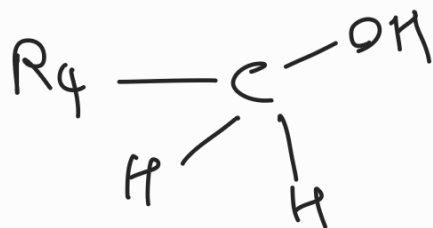
① Alkyl halide

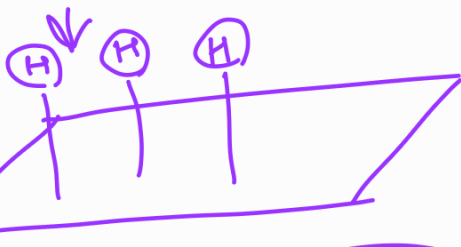


احیا : الكربون نفث $\frac{H}{3}$

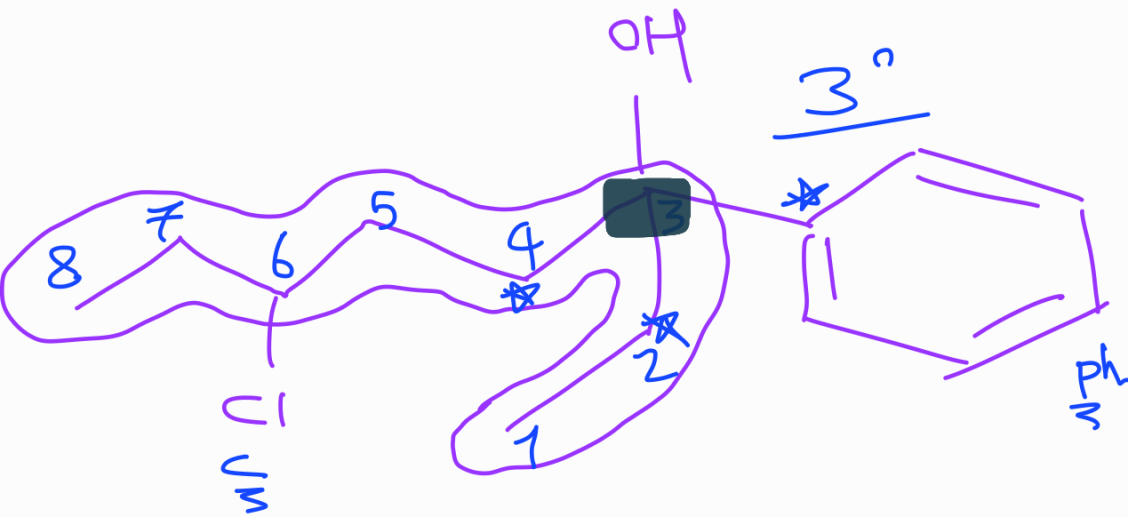




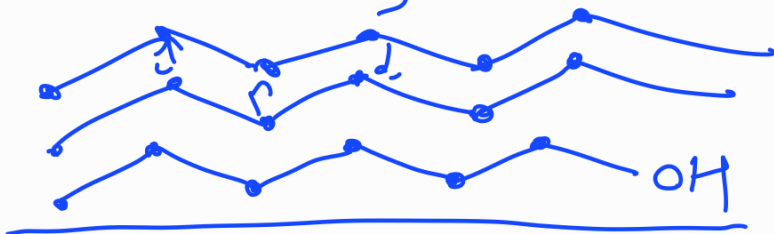
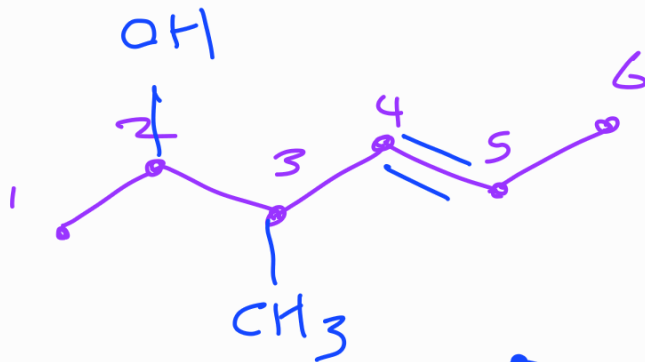




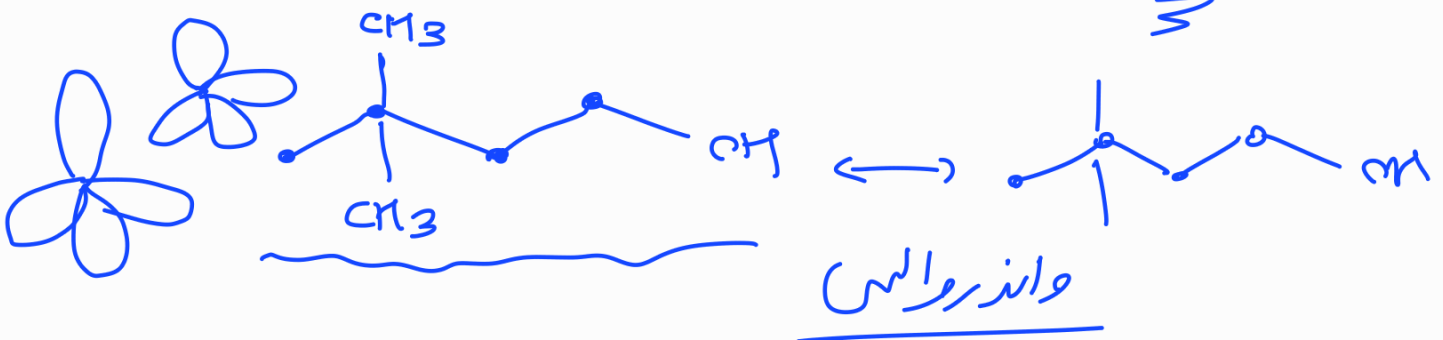
Practice class

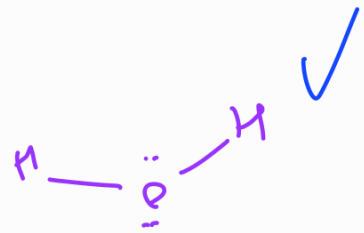


6-chloro-3-phenyloctan-3-ol



نقطه جوش
کار → سطح

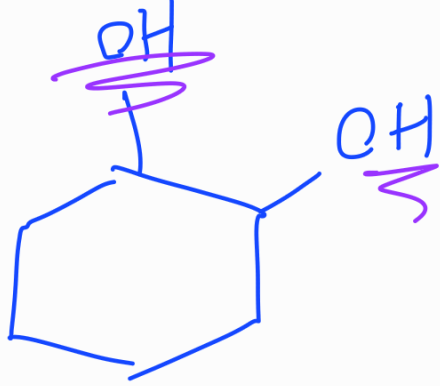




c



b



a

