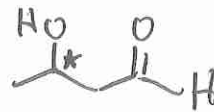


① MMW

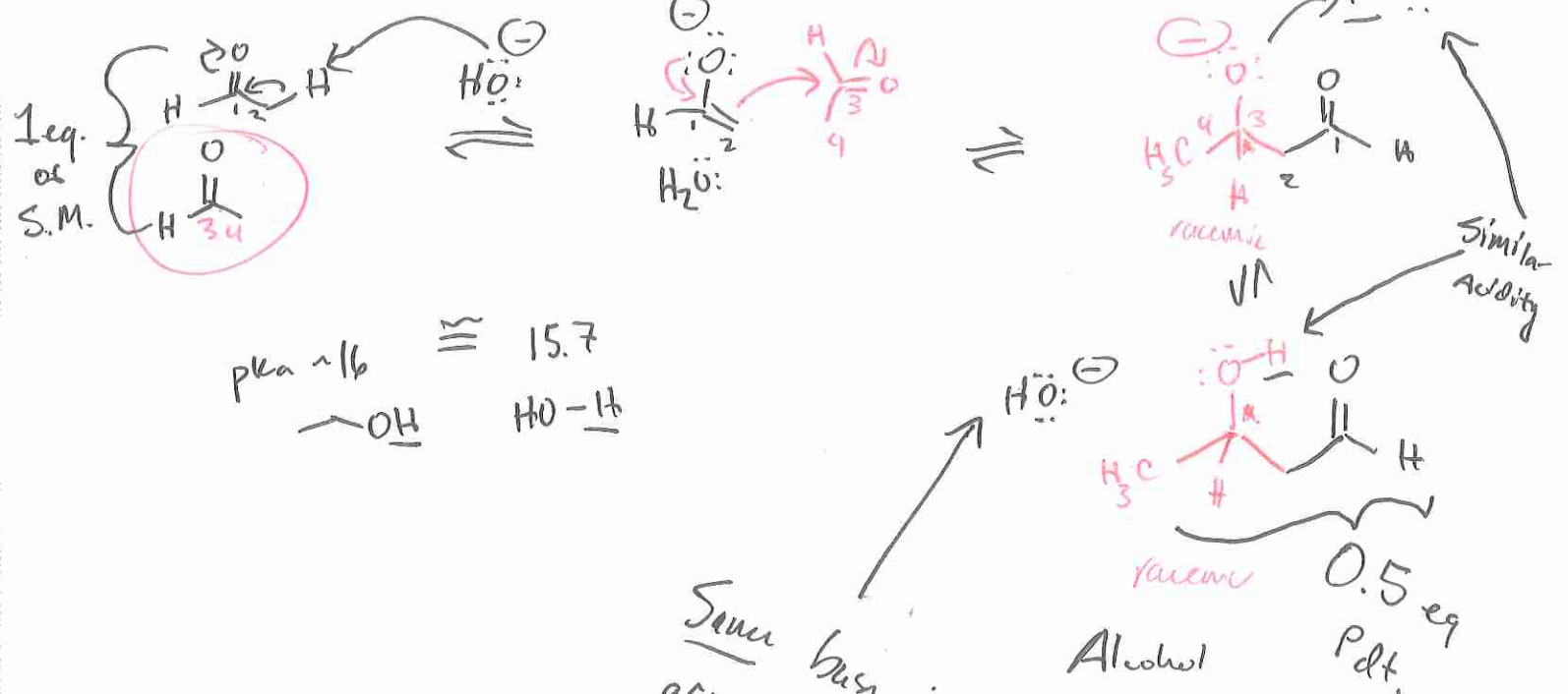
Mon 4/w/17

Alcohol



Q: How much do we need?

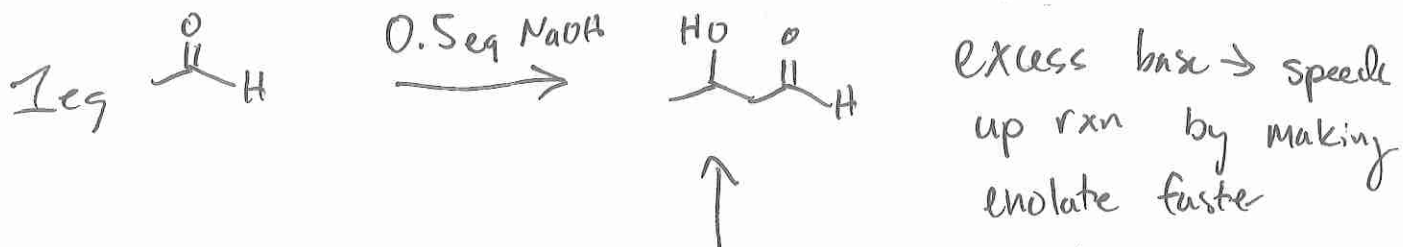
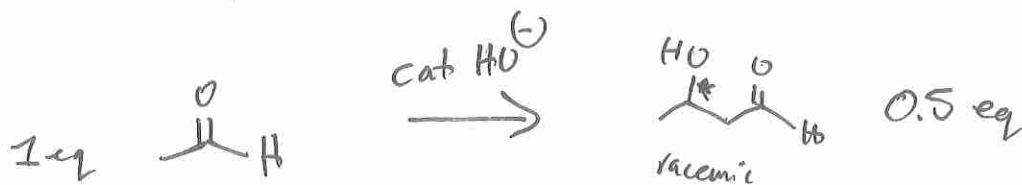
Consider 2 Aldehydes:  $\approx 1 HO^-$



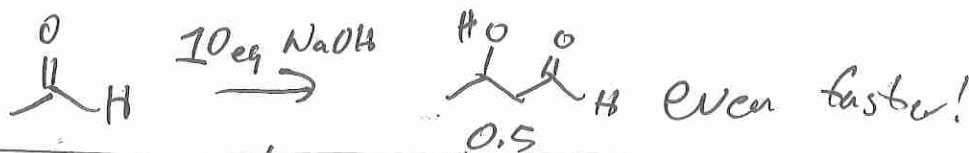
Same base is present after the reaction  $\rightarrow$  catalytic.

(2)

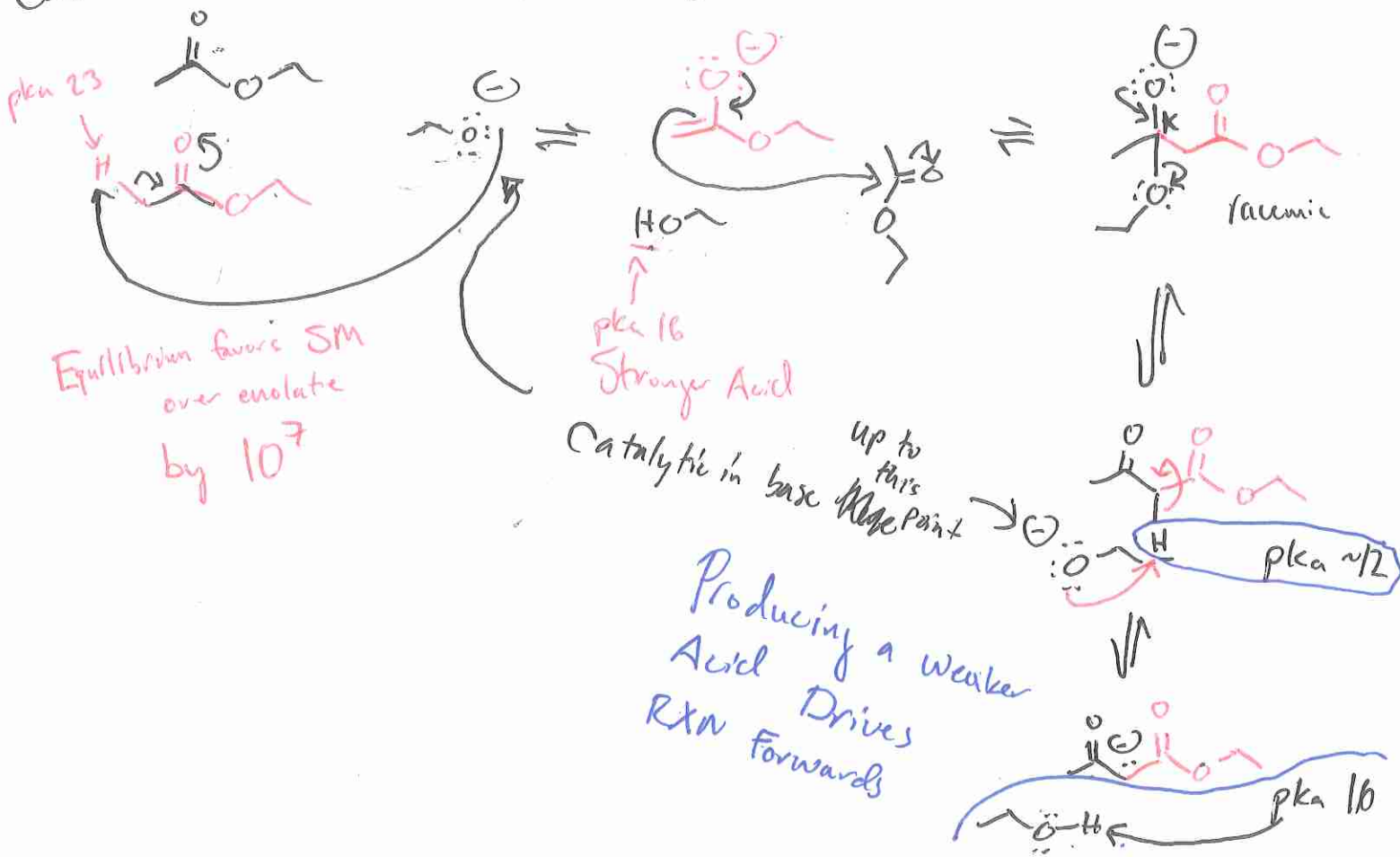
Catalytic amt = 0.001 - 0.05 equivalents

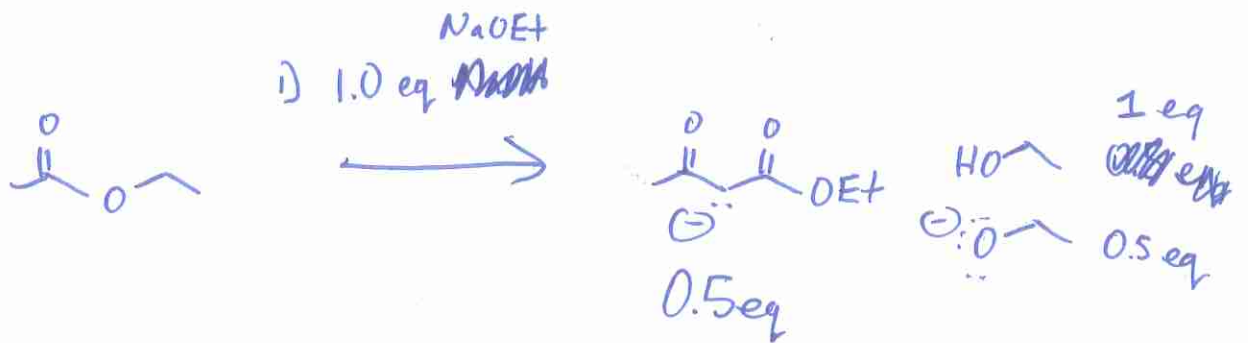
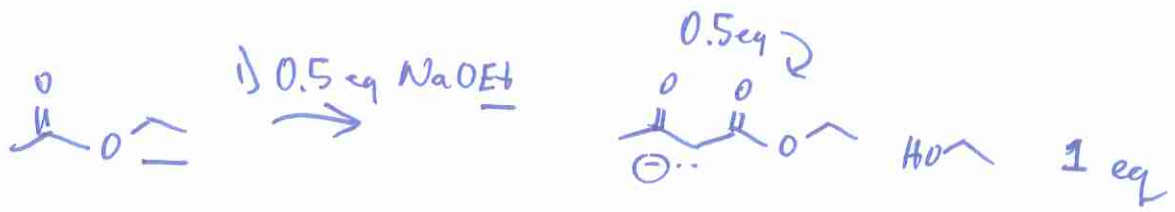


We still get the same product, in same 0.5 eq Yield  $\rightarrow$  ~~But you can~~  
 Le Chatlier

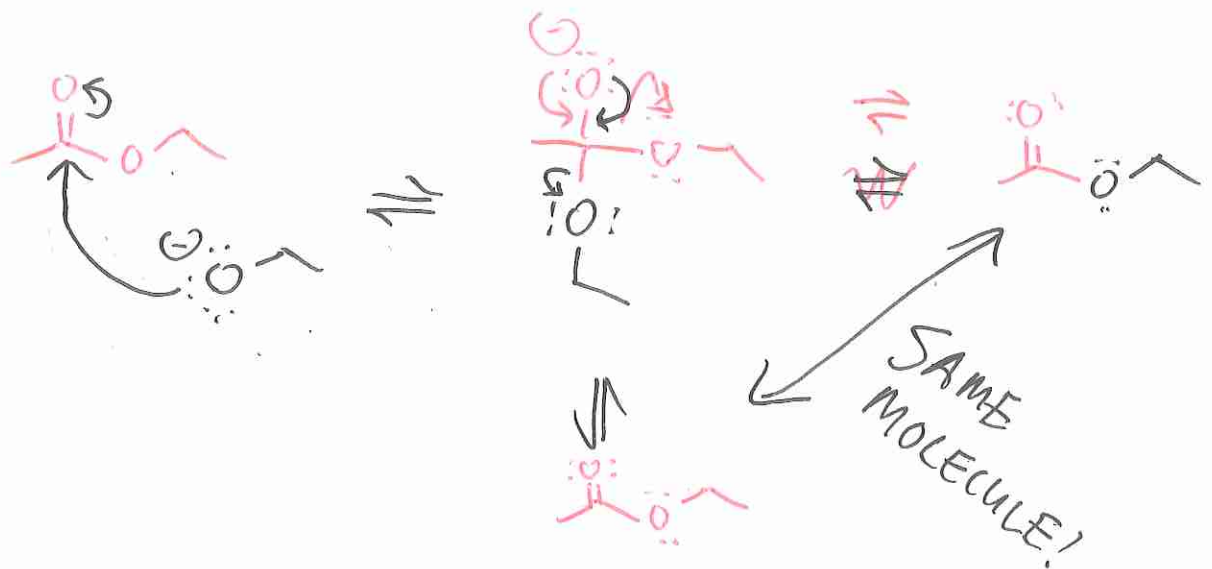
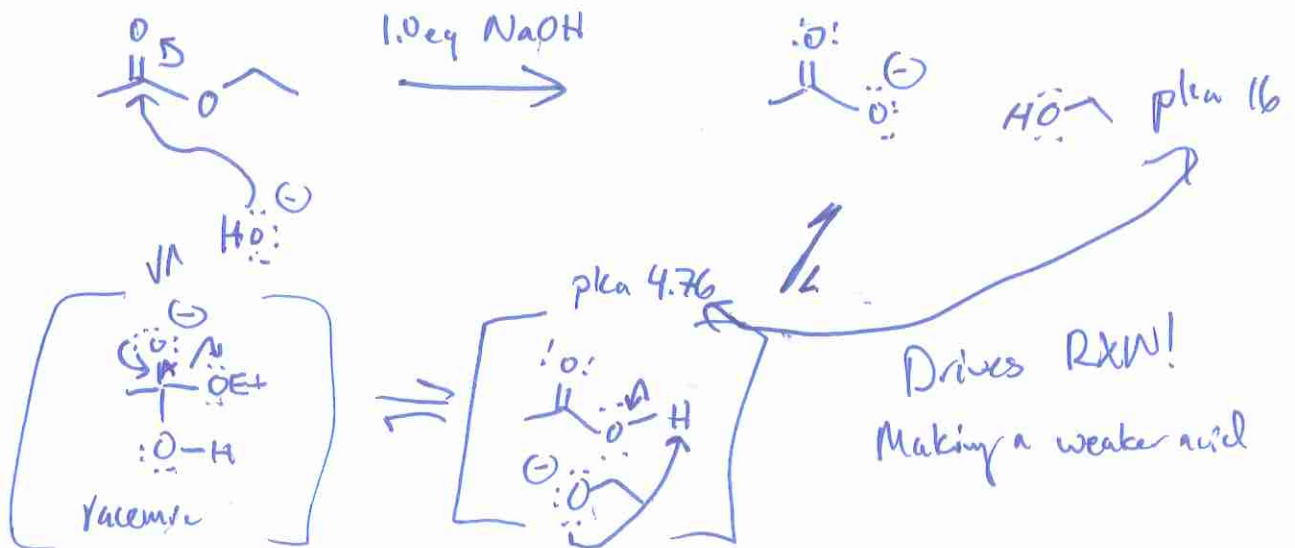


Consider Claisen w/ 2 Esters? I  $\rightarrow$  CC(=O)OC





Saponification



4

LDA → Super Strong Base

