

CH3CH2COOCH(CH3)CH2CH3

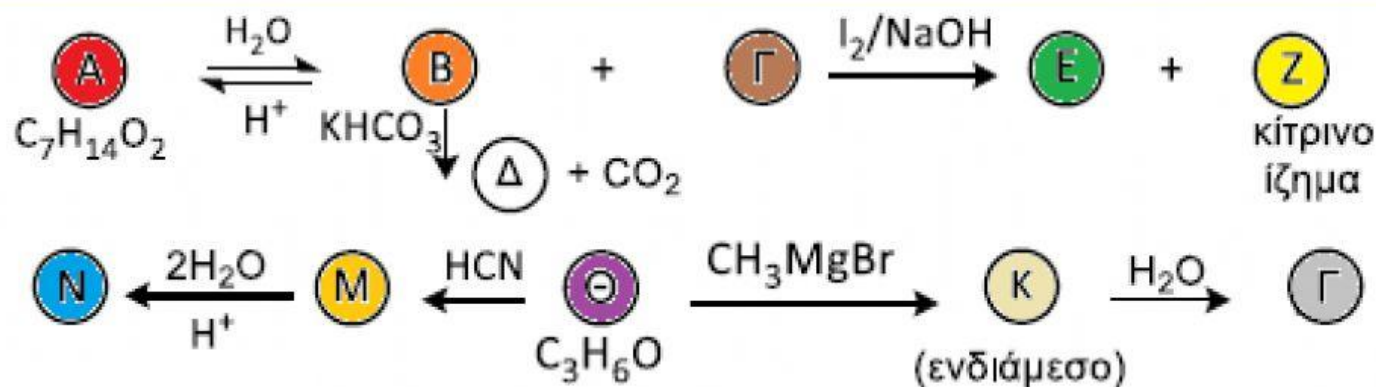
CH3CH2COOH

CH3CH2CH(OH)CH3

CH3CH2COOK

CH3CH2COONa

CHI3



CH3CH2CH=O

CH3CH2CH(OMgBr)CH3

CH3CH2CH(OH)CN

CH3CH2CH(OH)COOH