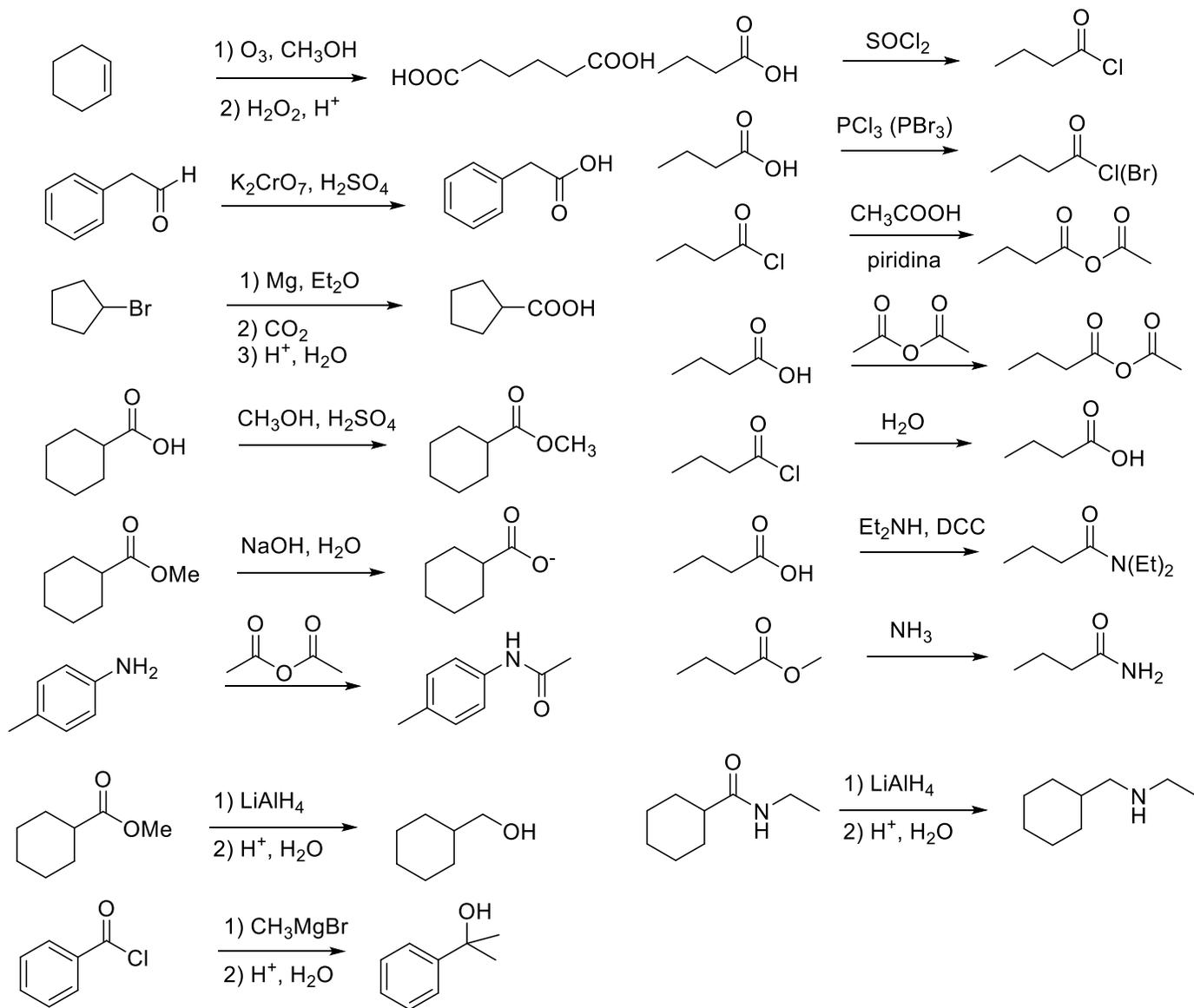
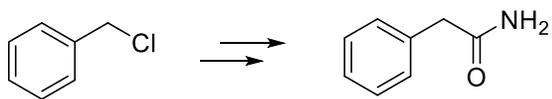


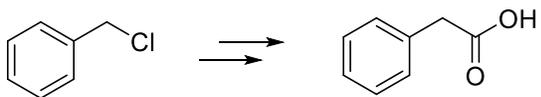
1) Completare le seguenti reazioni.



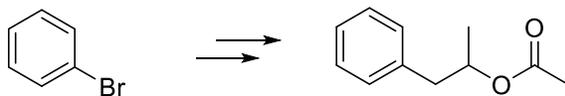
2. Scrivere i reagenti e gli intermedi delle seguenti trasformazioni.



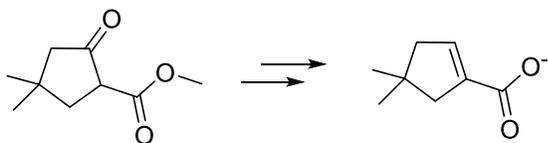
- 1) NaCN, etanolo
- 2) H₂O, HCl, 40 °C, 1h



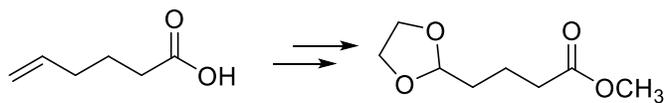
- 1) NaCN, etanolo
- 2) H₂O, H₂SO₄, 100 °C, 1h



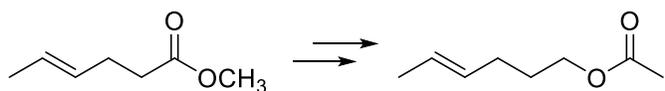
- 1) Li
- 2) eossido
- 3) anidride acetica



- 1) NaBH₄, EtOH
- 2) SOCl₂
- 3) CH₃ONa, MeOH
- 4) NaOH, H₂O



- 1) CH₃OH, TsOH
- 2) O₃, Zn (o CH₃SCH₃)
- 3) HOCH₂CH₂OH, H⁺



- 1) LiAlH₄, THF
- 2) H⁺, H₂O
- 3) Ac₂O, piridina