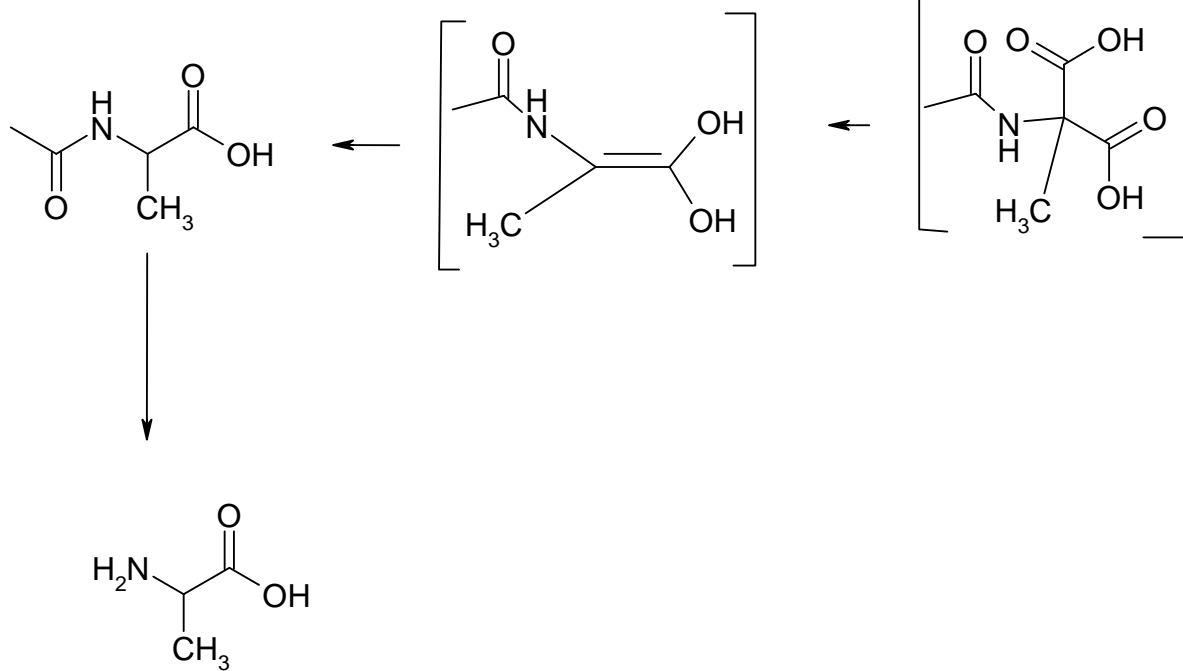
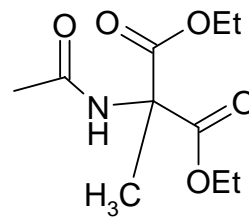
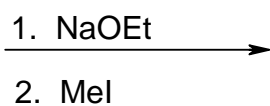
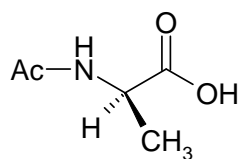
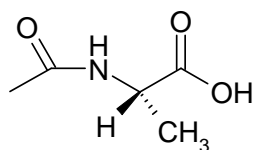
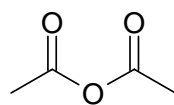
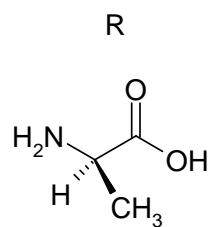
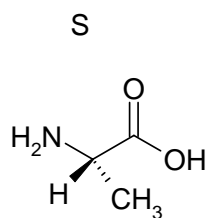
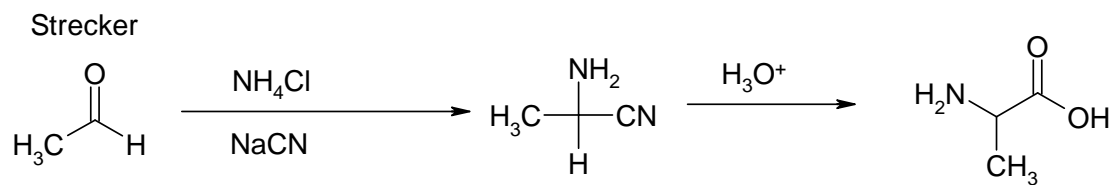
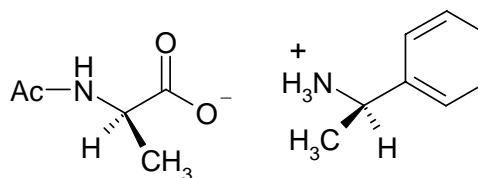
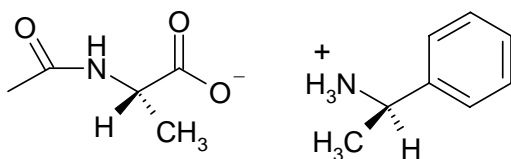
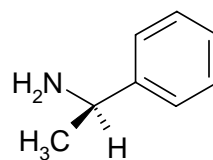


1. How many amino acids are there?
2. How are amino acids the same?
3. How are amino acids different?
4. How are proteins made? (What are proteins made of?)
5. What is the primary structure of amino acids?
6. Give an example:
7. What kinds of bonds are involved in forming the primary structure?
8. What is the secondary structure of amino acids?
9. What are two types of secondary structure?
10. What kinds of bonds are involved in maintaining the secondary structure?
11. What is the tertiary structure of amino acids?
12. What is one description of a tertiary structure?
13. What functional groups do amino acids have?
14. Which amino acid forms disulfide linkages?



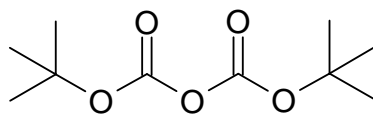
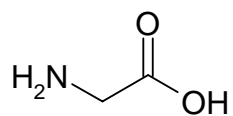


proton transfer

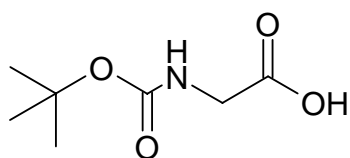


separate and hydrolyze with base (H_2O , OH^-)

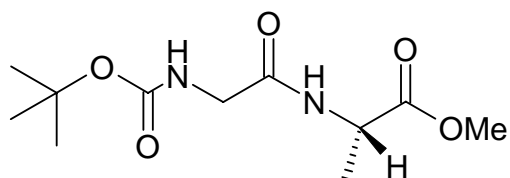




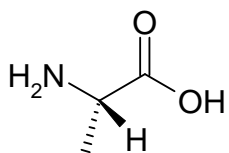
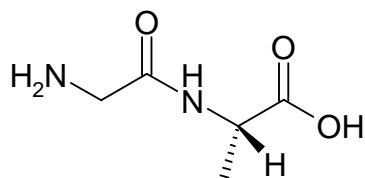
Et₃N



DCC

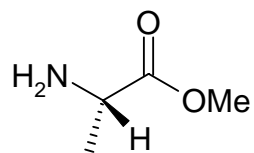


HBr
CH₃CO₂H
(H₂O?)



CH₃OH

acid



Acid base properties of Amino acids

