

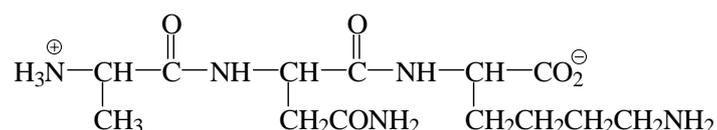


Problem Sheet 7

1. Draw the repeating unit of nylon-66, which is formed from the following monomers.



2. What are the products of hydrolysis of the following peptide in concentrated aqueous acid (conc $\text{HCl}_{(\text{aq})}$)?



3. Give the reagents required to carry out the following conversions. Draw constitutional formulas for any intermediate compounds. More than one step is necessary in each case.

