• A number of functional groups react with hydroxide ion. Complete the following table. NB: If there is no reaction, write "no reaction".

Marks 5

| Starting Compound | Reaction Conditions | Organic Product(s) |
|--|-----------------------------------|--------------------|
| CH ₃ OCH ₂ CH ₃ | hot 4 M NaOH | |
| CO ₂ H OH | 1 M aqueous NaOH | |
| O N— | hot 4 M NaOH prolonged heating | |