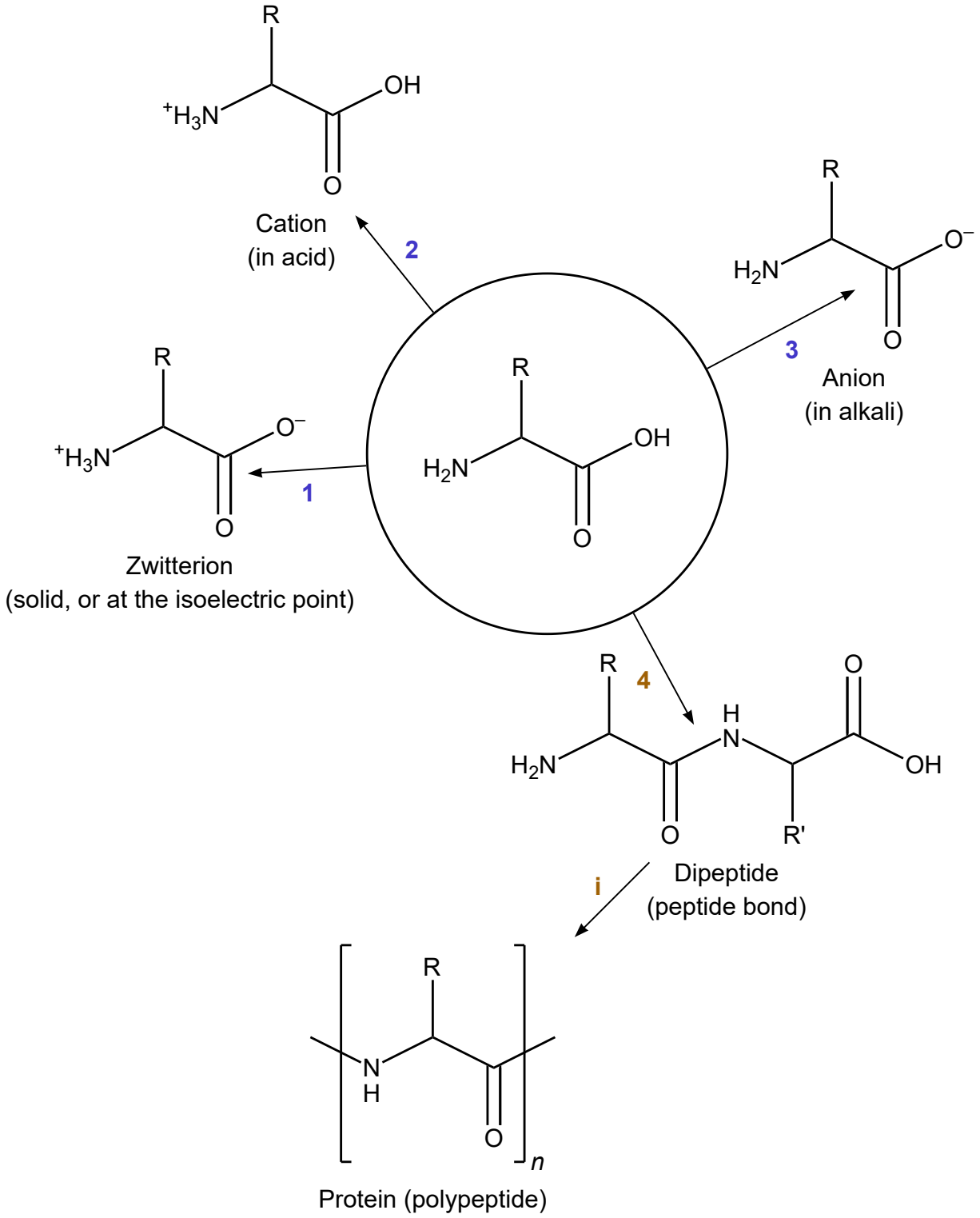
Amino Acids Map

Edexcel A Level Chemistry · Topic 18B Amines, amides, amino acids and proteins



1 **acid-base**: internal proton transfer

2 **acid-base**: $H^+(aq)$, low pH

3 **acid-base**: $OH^-(aq)$, high pH

4 **condensation**: second amino acid, condensation,

Solutions of chiral 2-amino acids rotate plane-polarised light (all except glycine).
Peptide bonds hydrolyse back to the amino acids, which can be separated by chromatography.

acid-base **condensation**

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