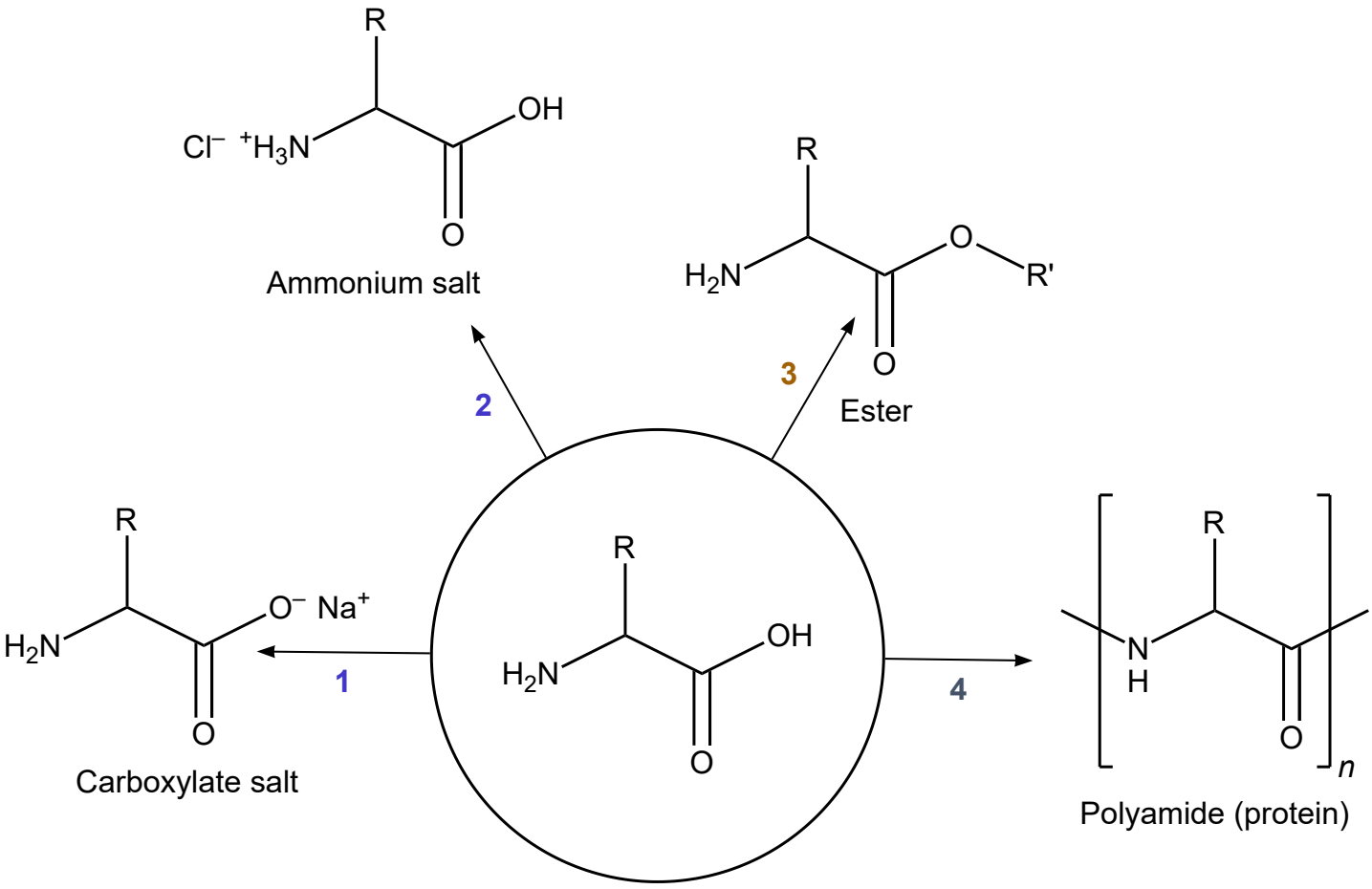
Amino Acids Map

OCR A Level Chemistry A · 6.2.2 Amino acids, amides and chirality



1 acid-base: alkali, NaOH(aq), room temperature

2 acid-base: acid, HCl(aq), room temperature

3 condensation (esterification): alcohol, R'OH, conc. H_2SO_4 catalyst, heat

4 polymerisation (condensation): many amino acids

Amino acids (except glycine) have a chiral centre: optical isomers.
Polyamides are hydrolysed by hot aqueous acid or alkali (6.2.3(b)(ii)).

acid-base condensation polymerisation

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