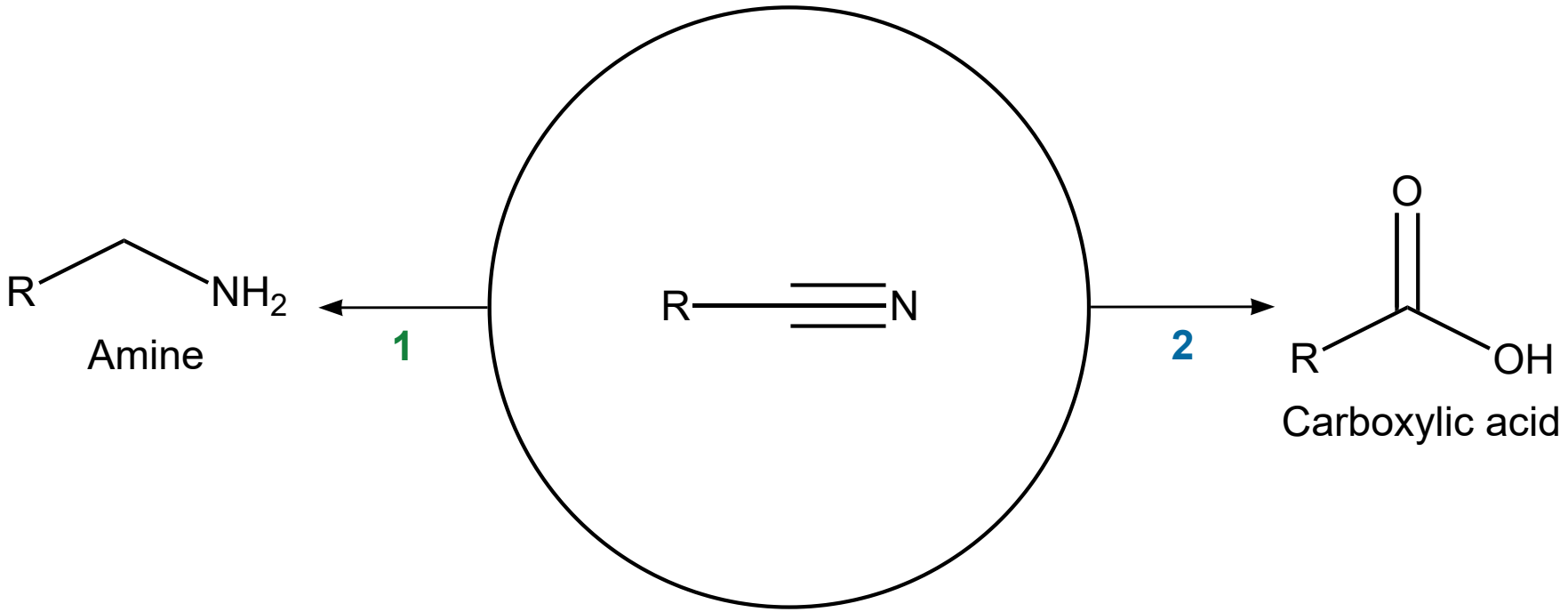
Nitriles Map

OCR A Level Chemistry A · 6.2.4 Carbon–carbon bond formation



1 reduction: H_2, Ni catalyst

2 hydrolysis: dilute HCl(aq), heat under reflux (acid hydrolysis)

Nitriles come from haloalkanes + CN^- in ethanol, or from carbonyls + HCN (hydroxynitriles): both lengthen the chain by one carbon.

reduction hydrolysis

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