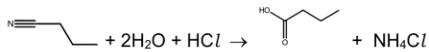


5(c)(ii)	$\text{CN}(\text{CH}_2)_2\text{CH}_3 + 2\text{H}_2\text{O} + \text{HCl} \rightarrow \text{HOOC}(\text{CH}_2)_2\text{CH}_3 + \text{NH}_4\text{Cl}$ OR 	1
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4(b)(i)	substitution	1
4(b)(iii)	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CN} + \text{NaOH} + \text{H}_2\text{O} \rightarrow \text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{Na} + \text{NH}_3$ OR $\text{CH}_3\text{CH}_2\text{CH}_2\text{CN} + \text{NaOH} + 2\text{H}_2\text{O} \rightarrow \text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{Na} + \text{NH}_4\text{OH}$ M1 correct organic product (as molecule or anion) M2 rest of equation is correct	2

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