• Consider the following molecule (M) isolated from a natural source.

Marks 6

Give the products when molecule (**M**) is hydrolysed by heating it with 6 M HCl. Make sure you show the products in their correct ionisation states.

$$\begin{array}{c} \oplus \\ H_3N \end{array} \begin{array}{c} OH \end{array} \begin{array}{c} \oplus \\ H_3N \end{array} \begin{array}{c} COOH \\ \oplus \\ NH_3 \end{array}$$