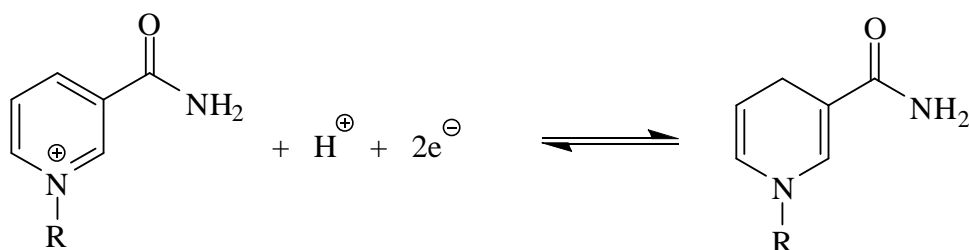


- NAD^+ and NADH are coenzymes used by animals in oxidation and reduction reactions. They are related by the following half-reactions.



Which of these coenzymes is used in the biological oxidation of ethanol, $\text{CH}_3\text{CH}_2\text{OH}$?

What is the product of the biological oxidation of ethanol, $\text{CH}_3\text{CH}_2\text{OH}$?

Which of NAD^+ and NADH is aromatic? Give reasons for your answer.

Marks
4