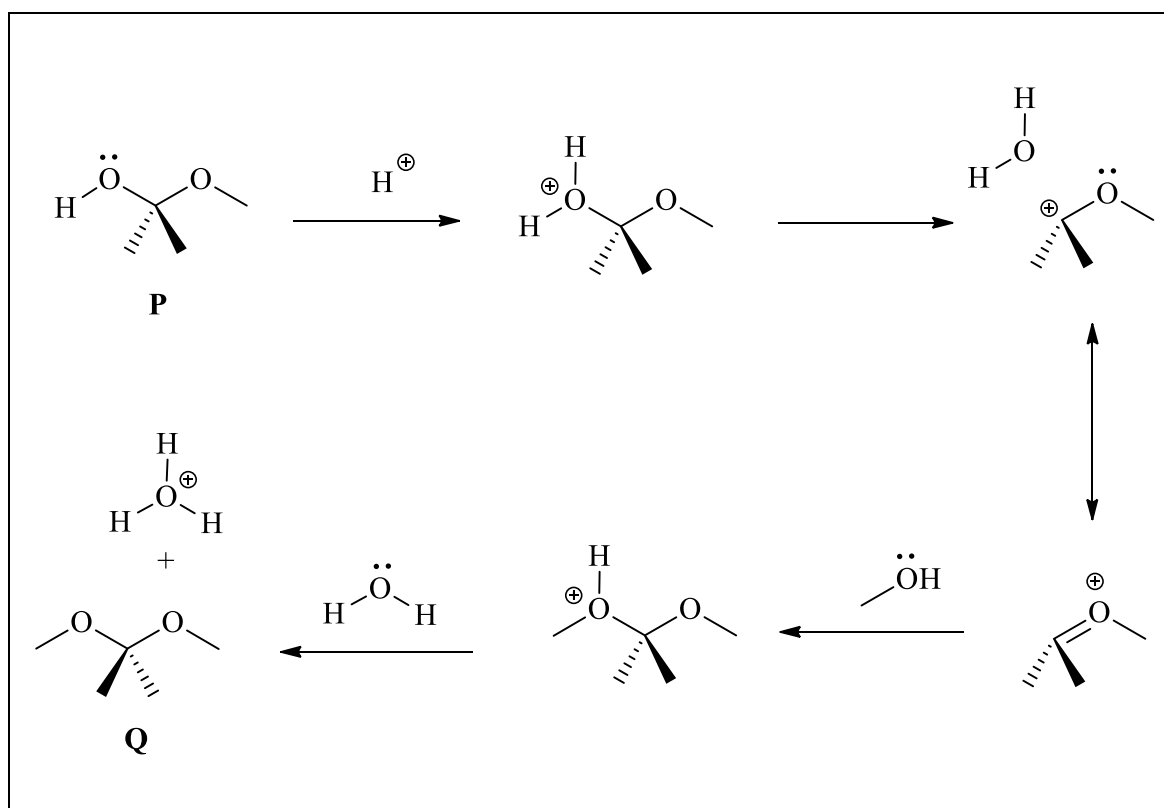


- A step-by-step mechanism for the formation of an acetal from a hemiacetal is outlined below. Demonstrate your understanding of reaction mechanisms by adding curly arrows to complete this mechanism.

Marks
5

Note: you don't need to have seen this mechanism before to answer this question.



Overall, what type of reaction (**P** \rightarrow **Q**) is shown here?

Identify one nucleophile and one electrophile in the scheme above.

nucleophile	electrophile
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THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.