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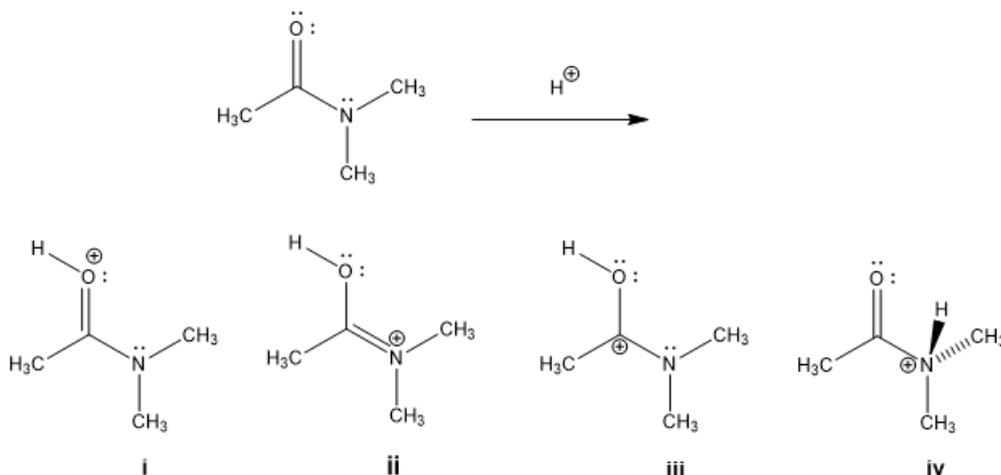
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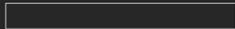
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Shown below are three representations of protonated N, N-dimethylacetamide. Identify the incorrect statement.



- (A) Structure (ii) is the most important of the resonance structures shown.
- (B) The $\text{C}=\text{O}$ bond in protonated N,N-dimethylacetamide would be shorter than the $\text{C}=\text{O}$ in N,N-dimethylacetamide.
- (C) Structure (iv) is not a resonance form of the others.
- (D) The structure at the N atom is predicted to be trigonal planar.
- (E) Structure (iii) is the least important of the resonance structures shown.



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