

# Organic Chemistry

Life in the upper part of the “p block”  
(C, N, O, H, F, Cl, ...)

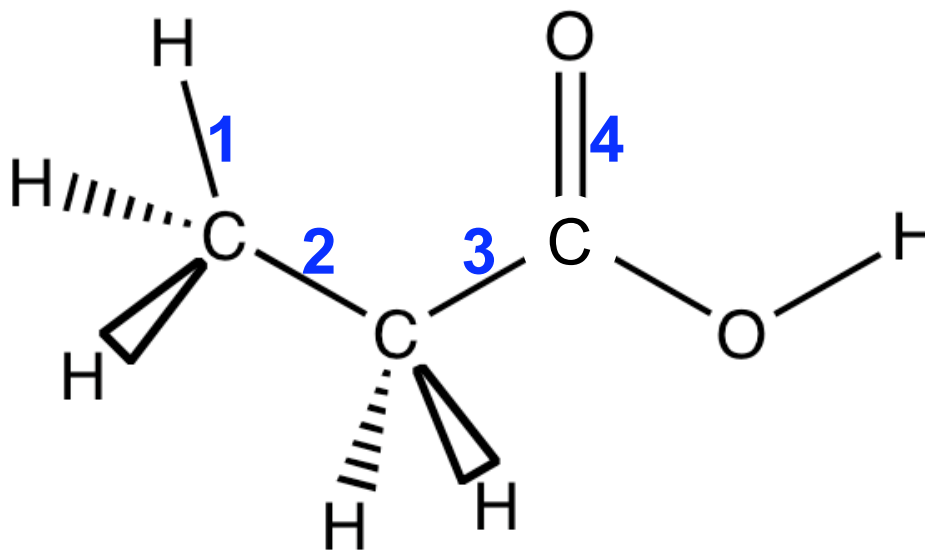
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Life in the upper part of the “p block”  
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Remember electronegativity trends!

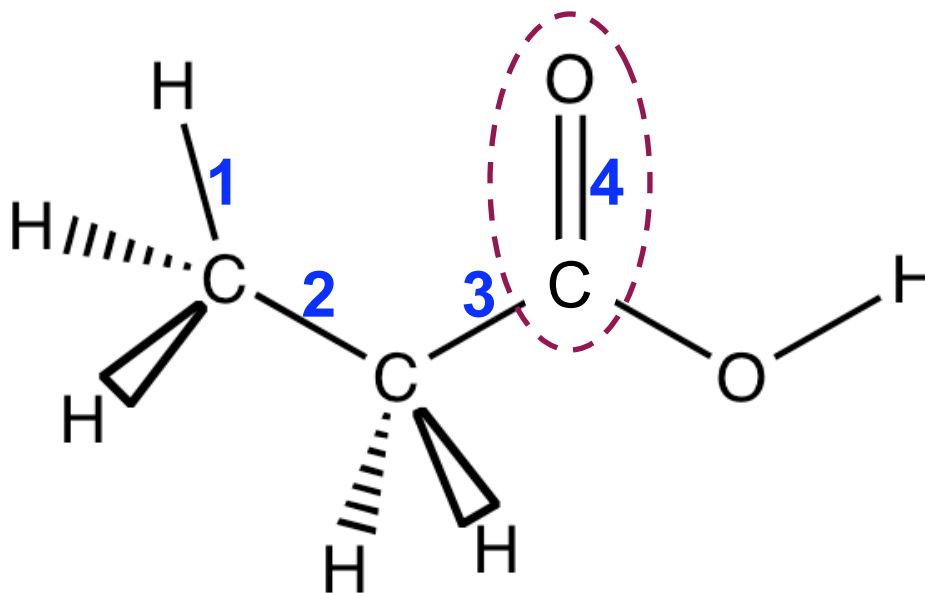
# Organic Chemistry

Which bond is most polar?

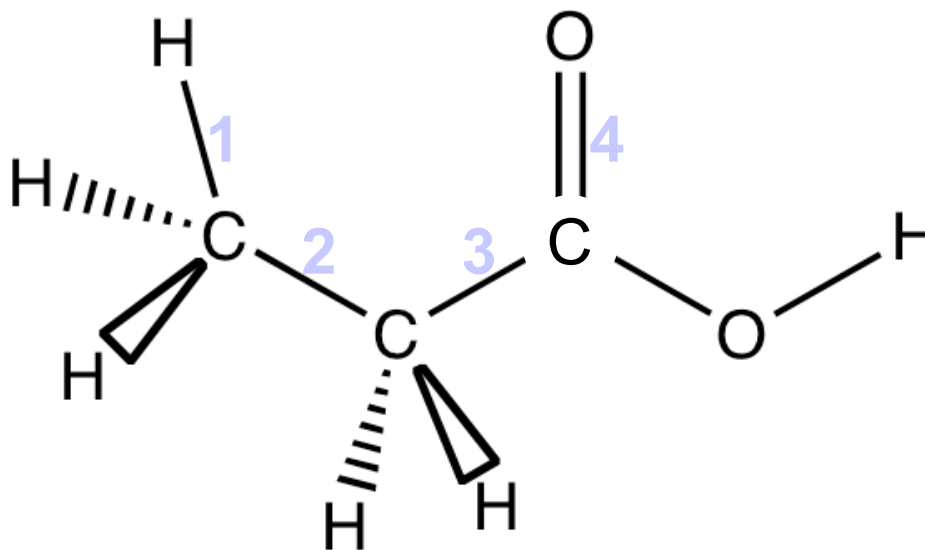


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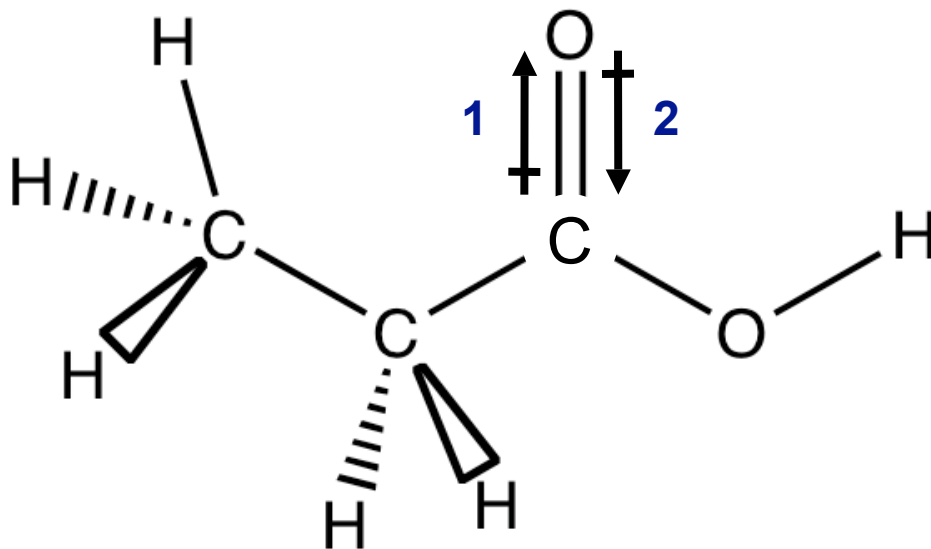


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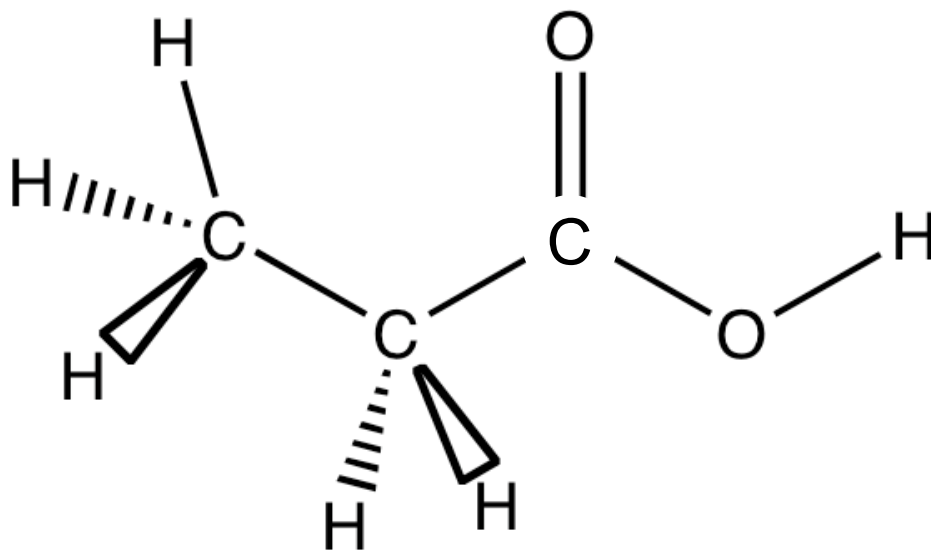


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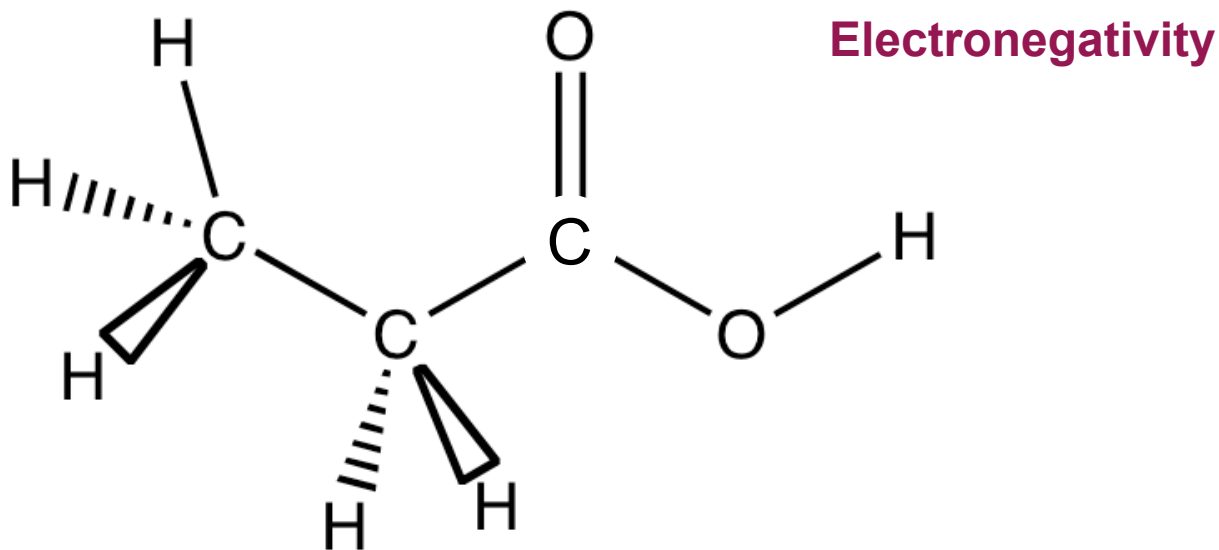
Which arrow correctly displays polarity?



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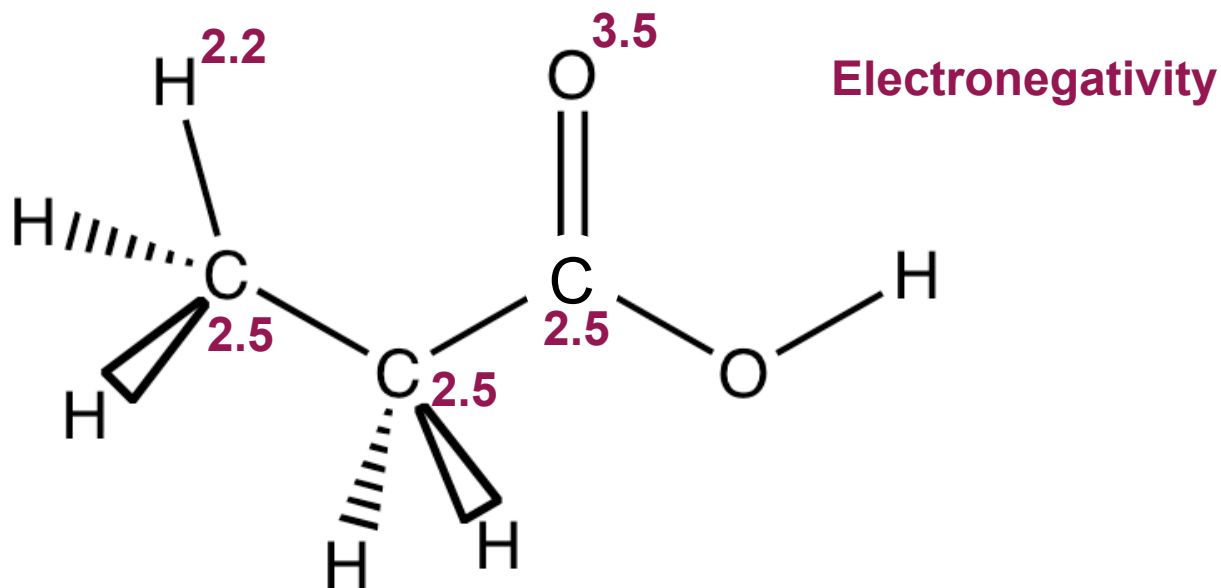


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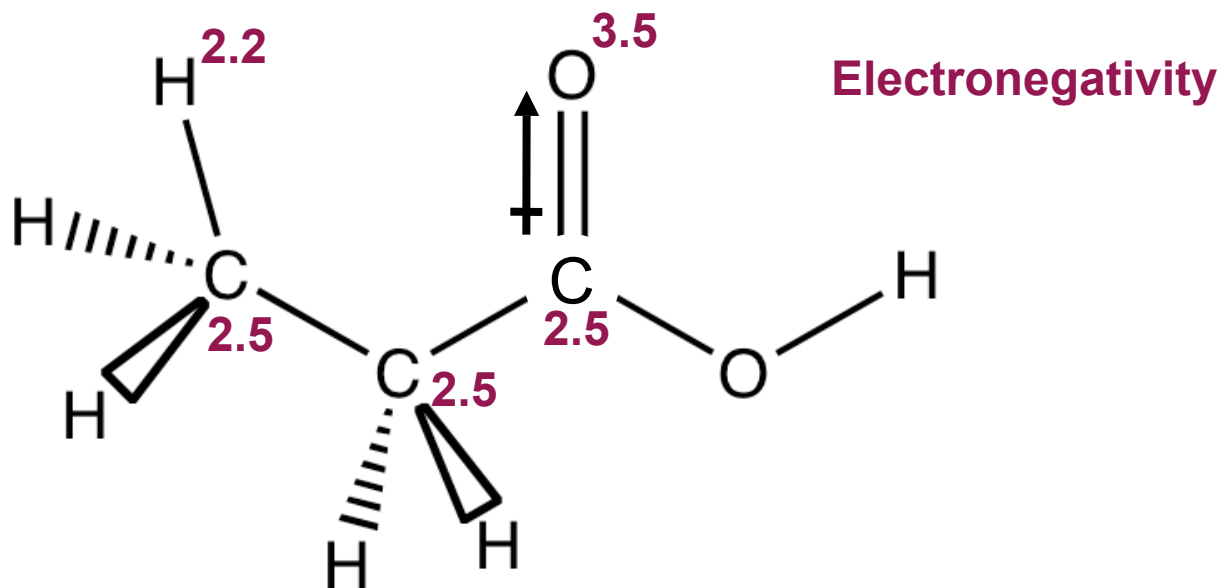




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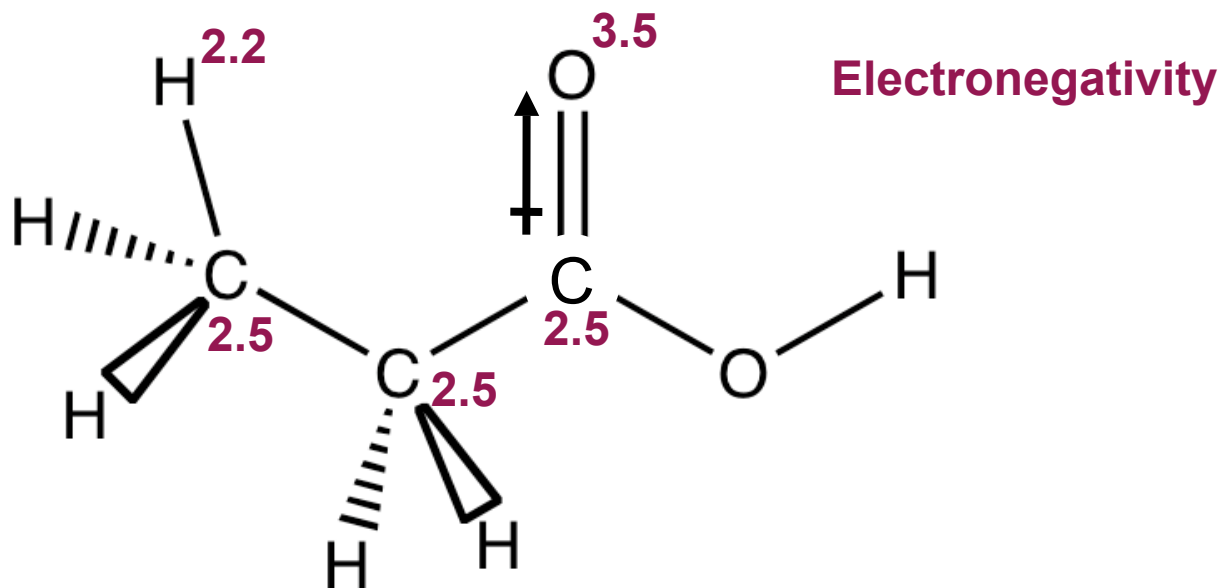


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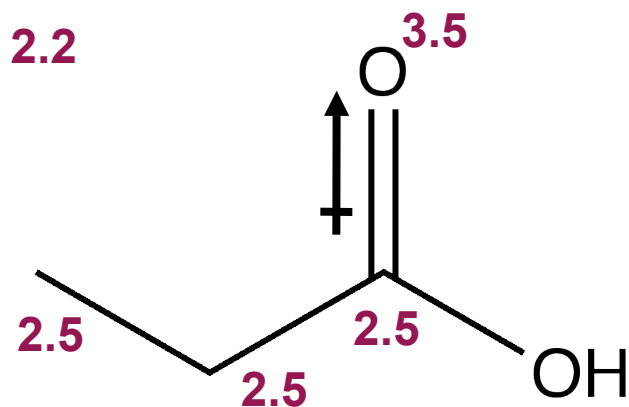
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Let's simplify



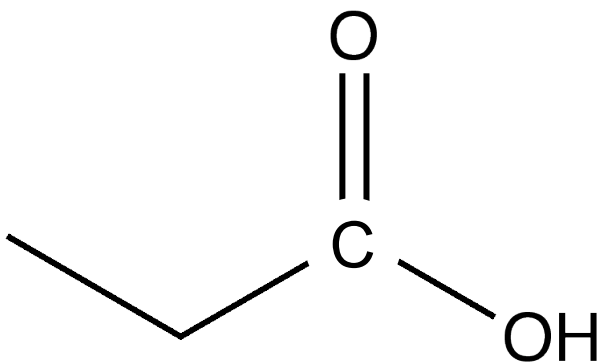
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Let's simplify

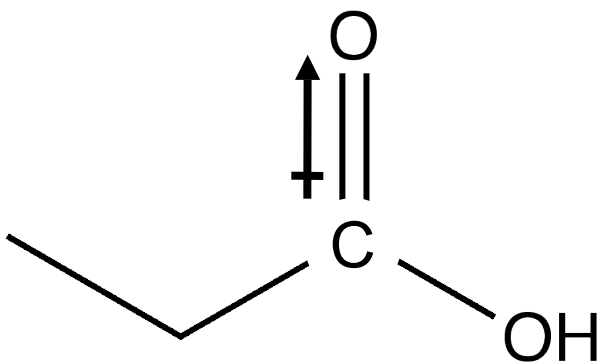


Electronegativity

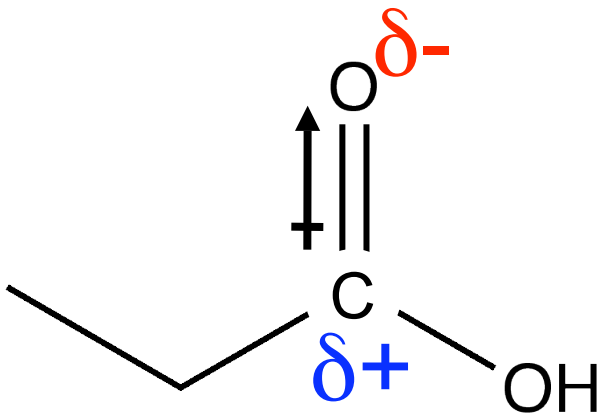
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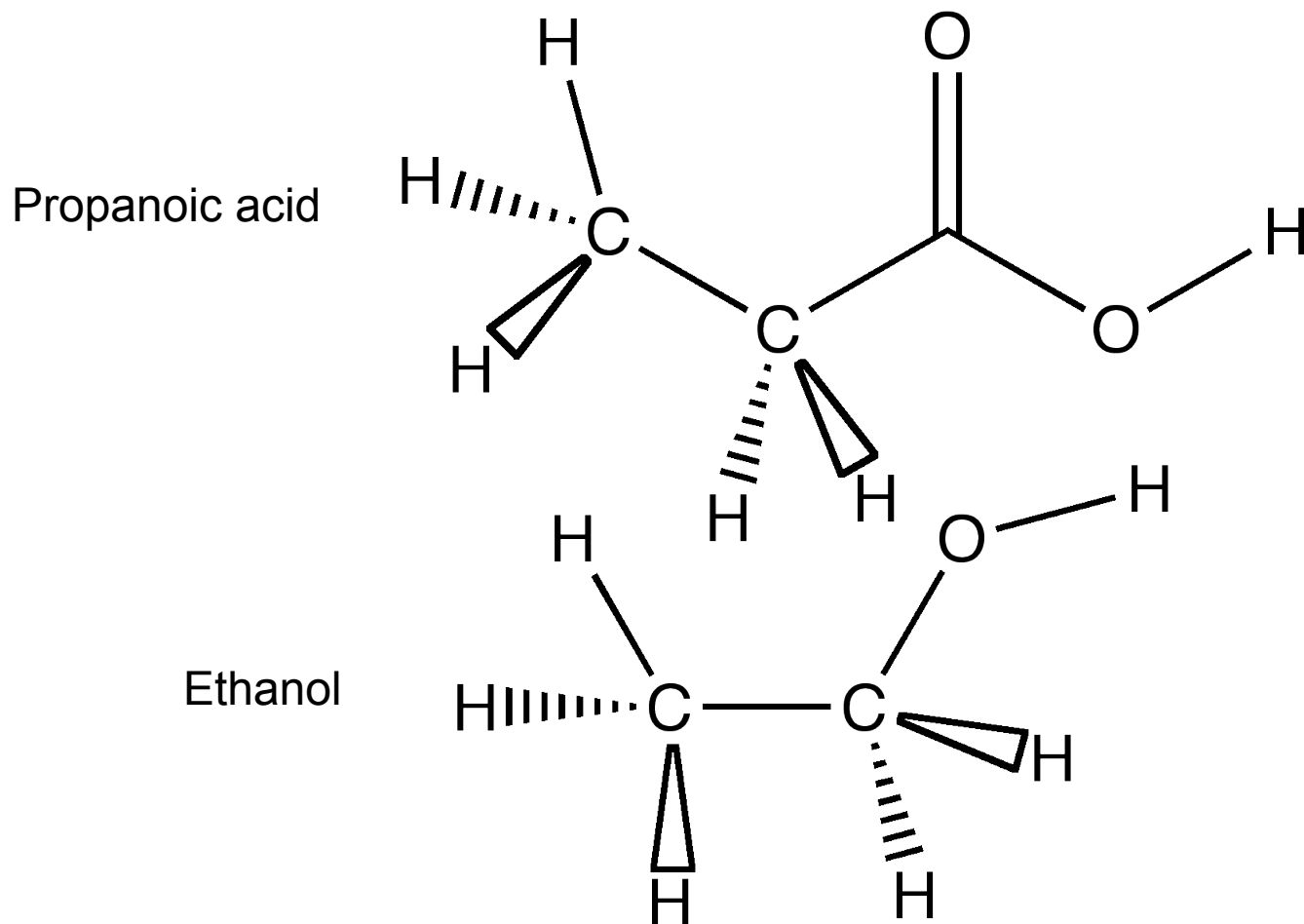
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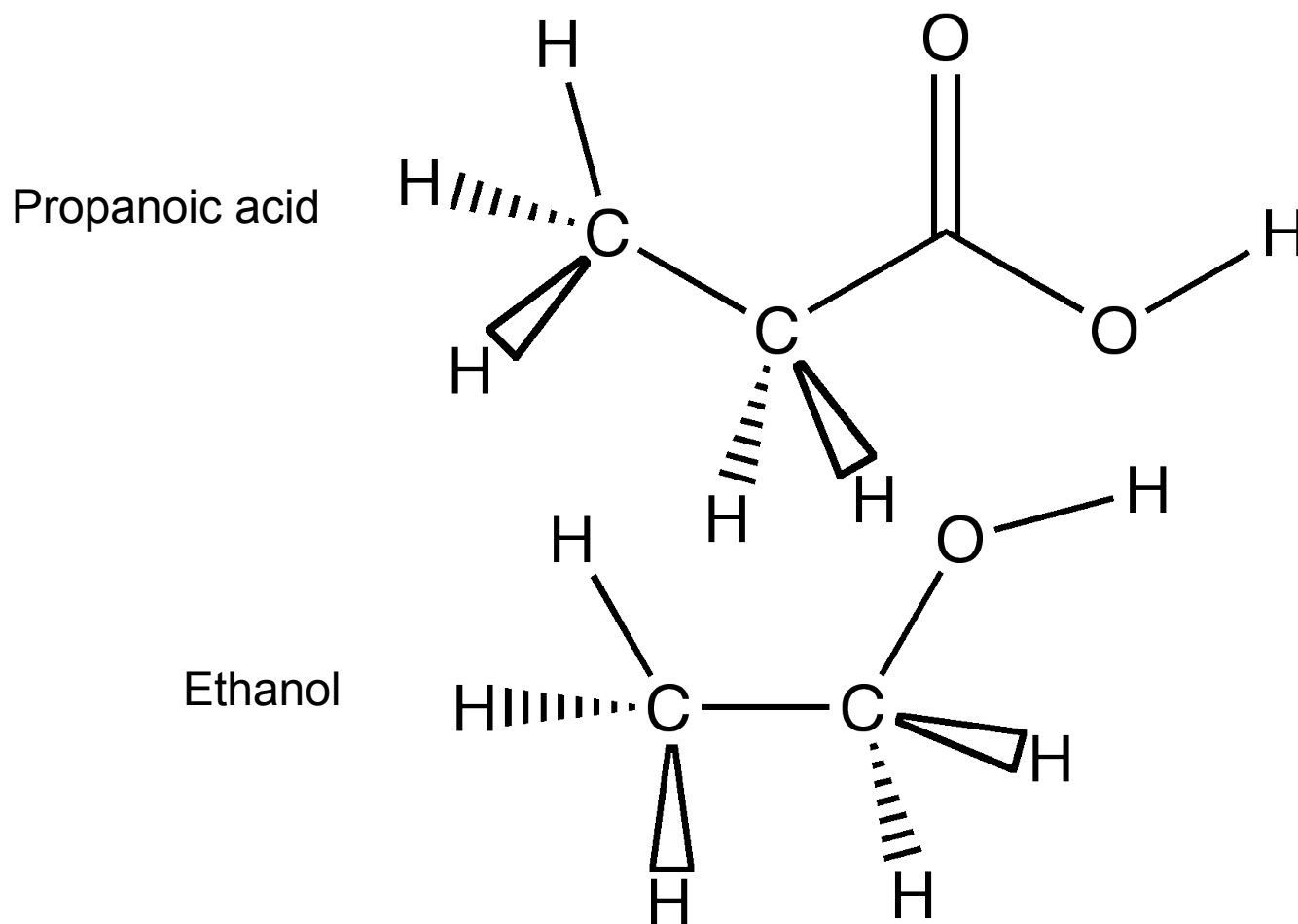
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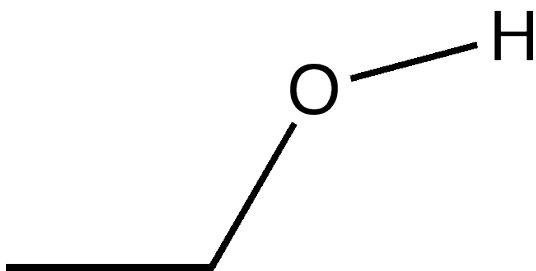
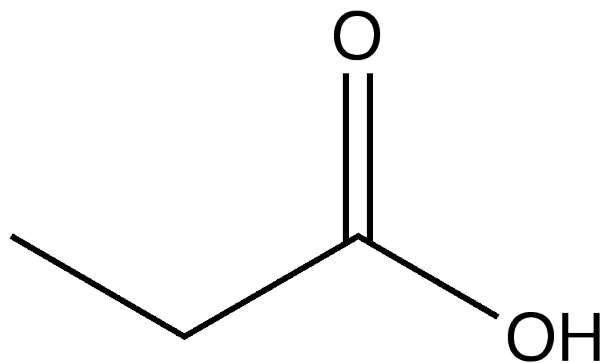


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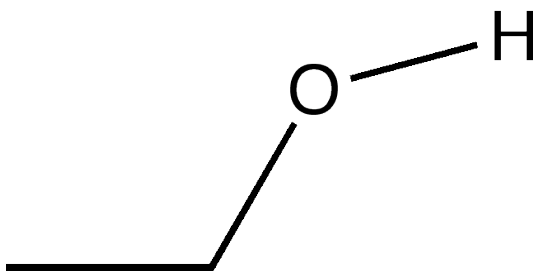
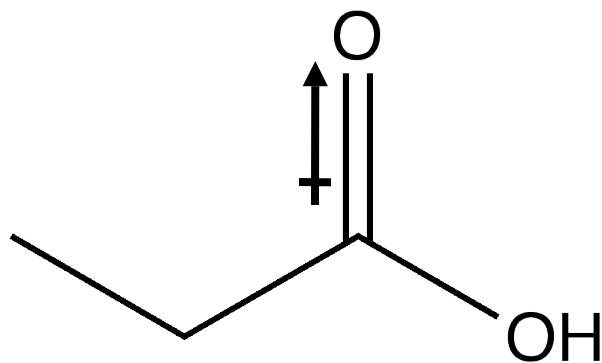
Predict a likely reaction



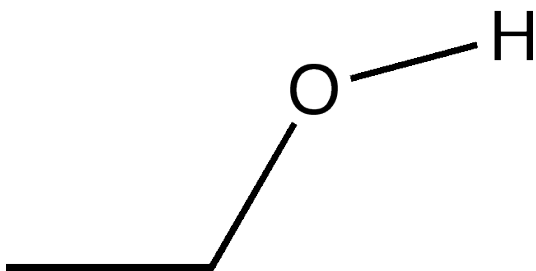
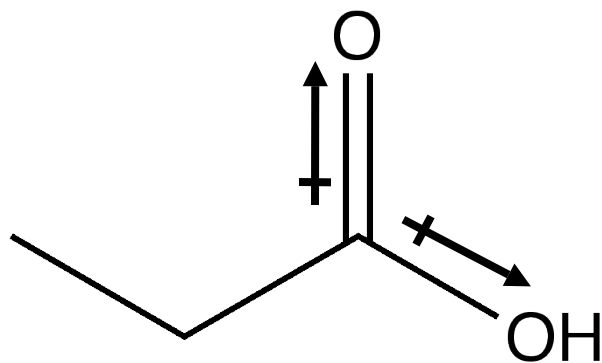
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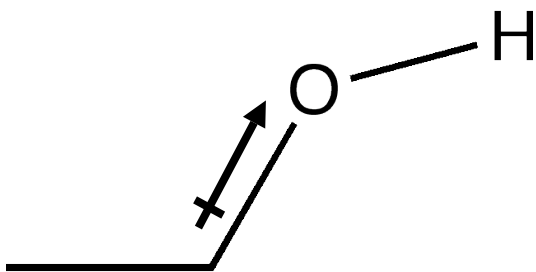
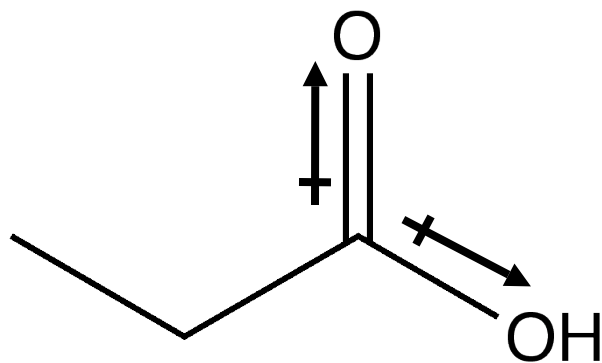
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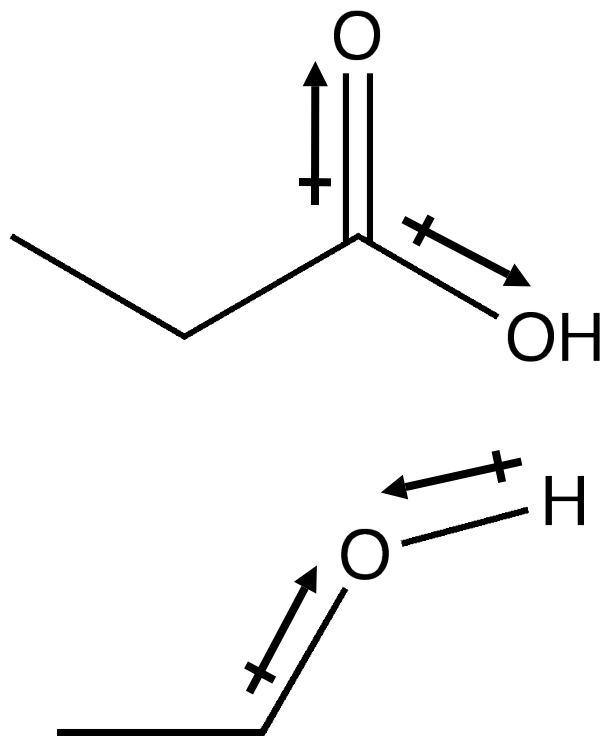
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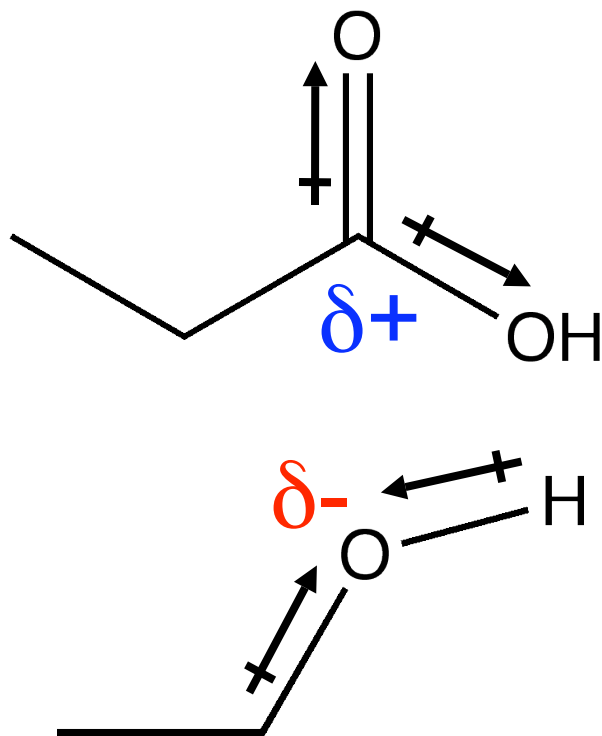
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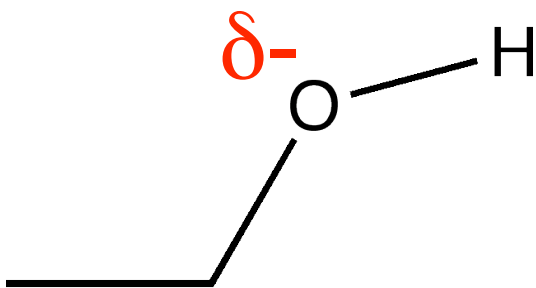
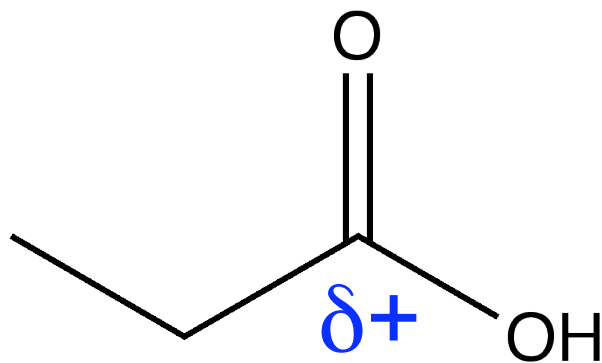
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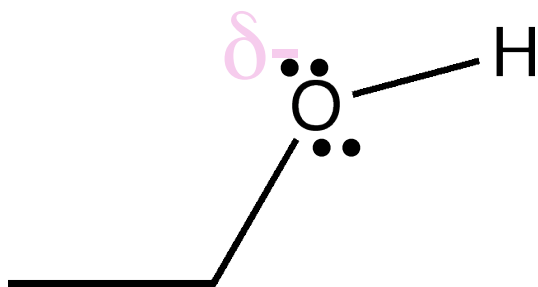
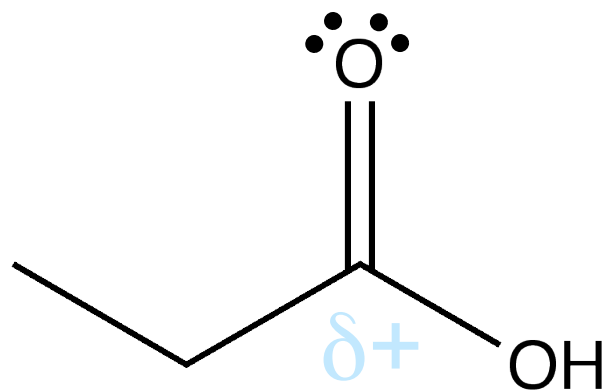


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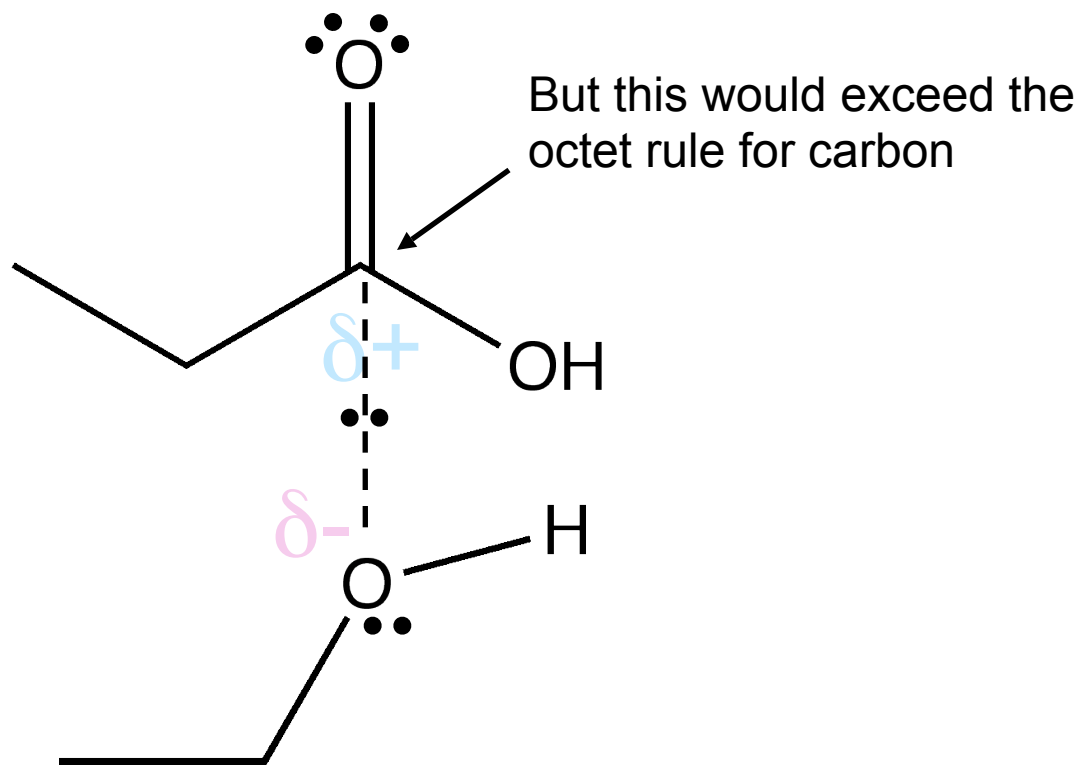




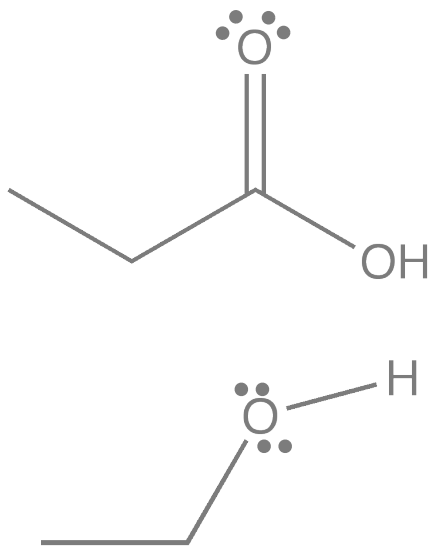
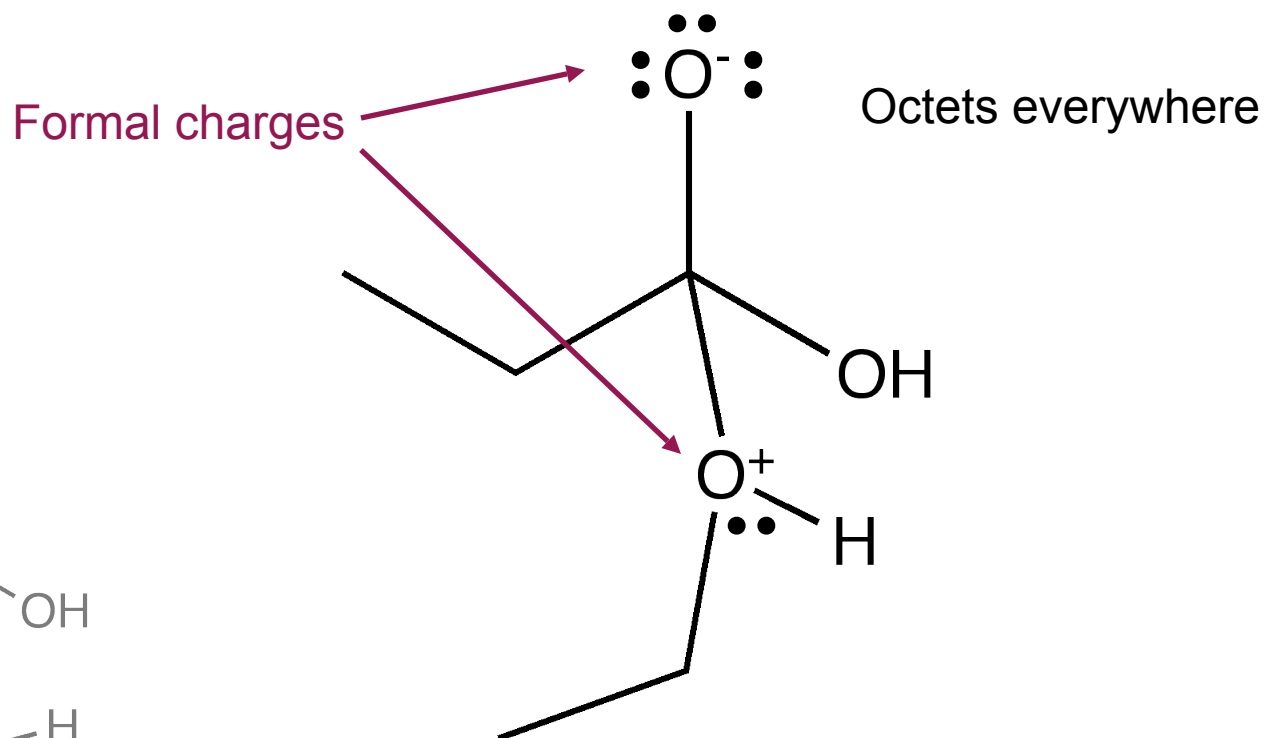
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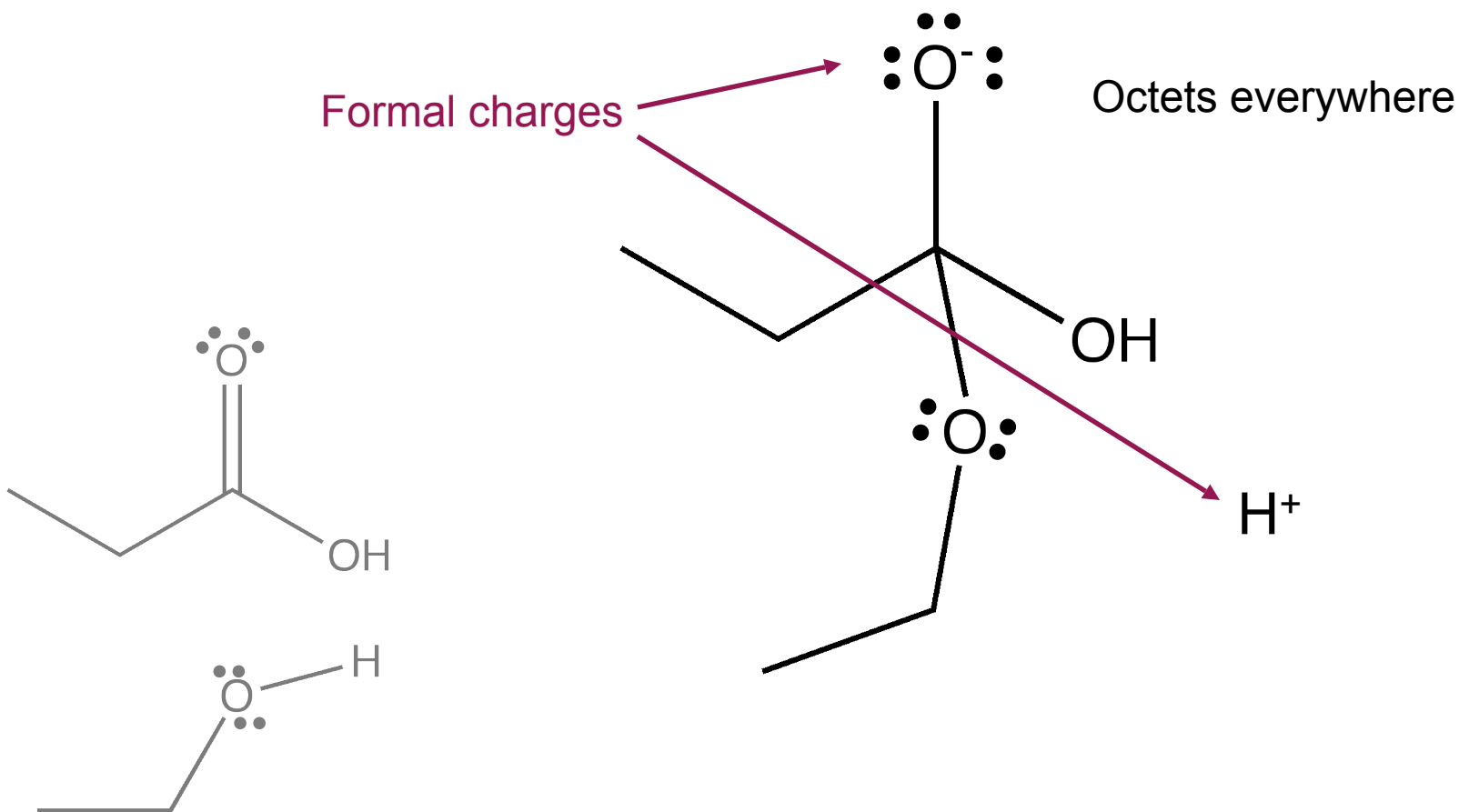
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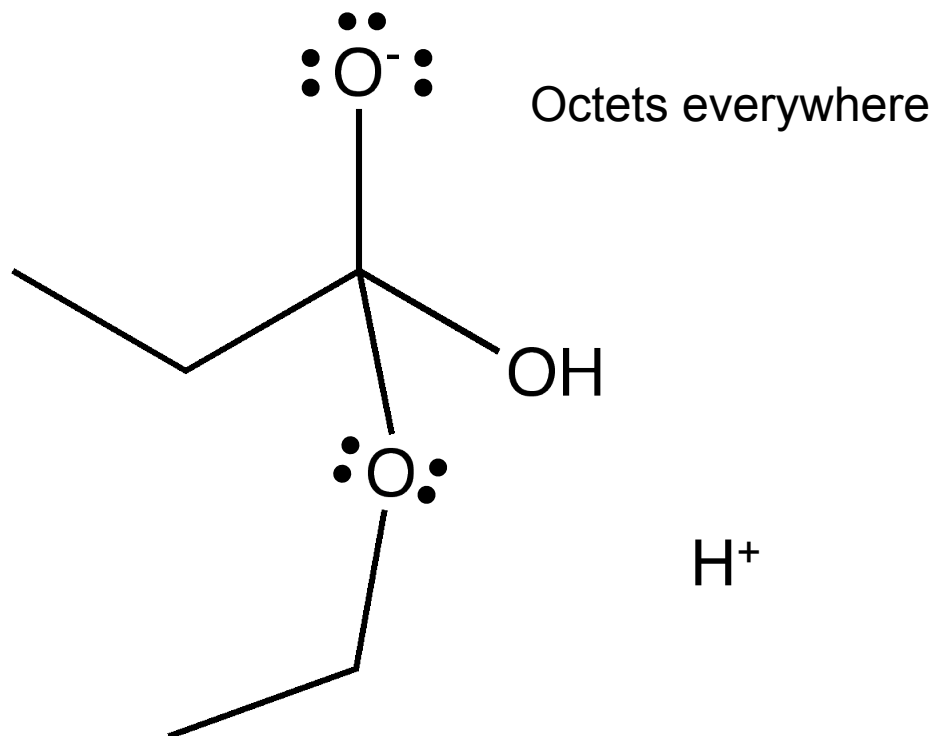
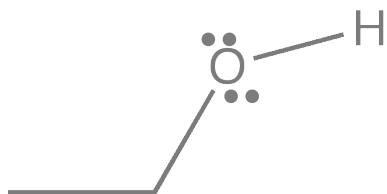
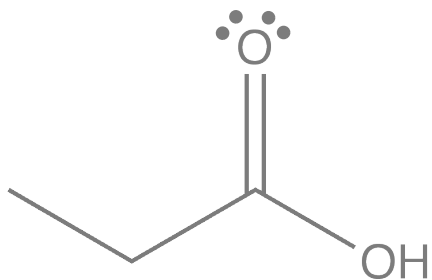
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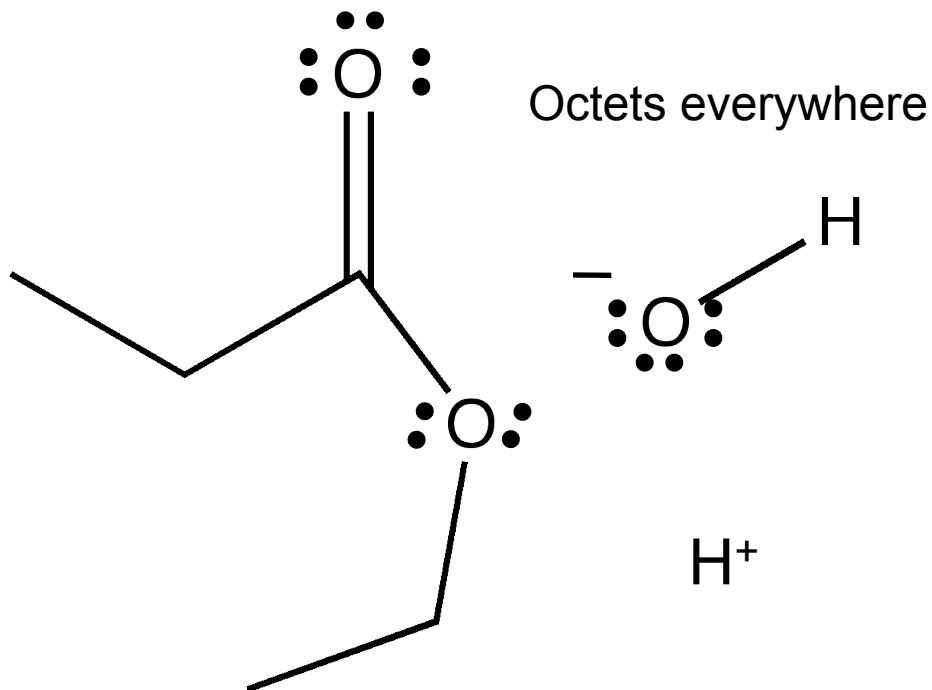
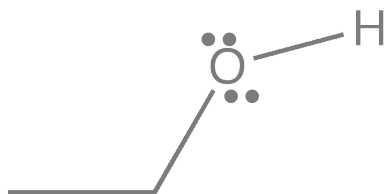
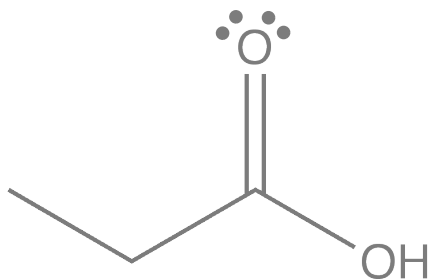


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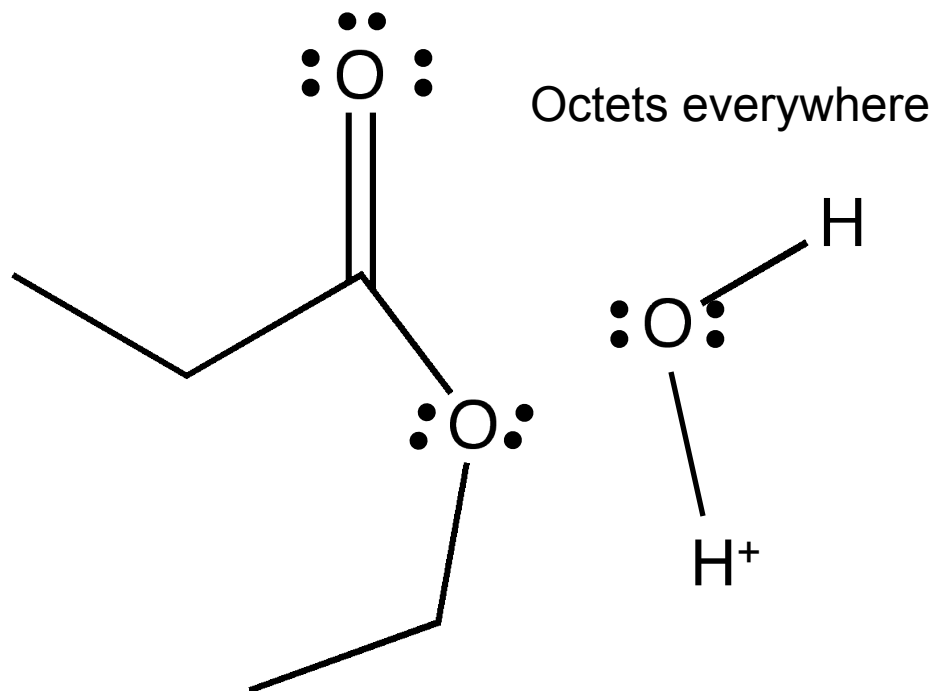
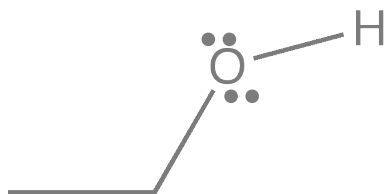
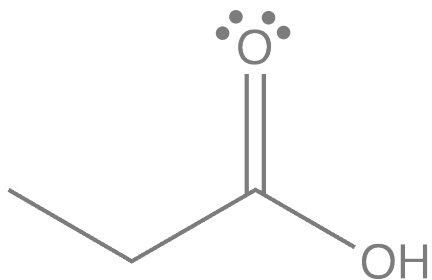


$\text{H}^+$

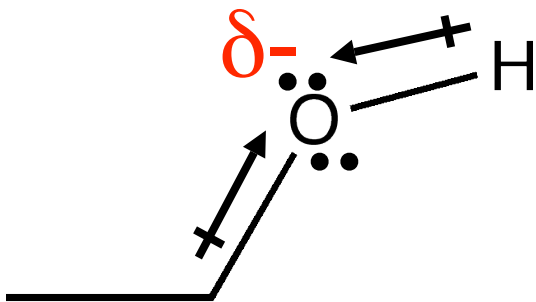
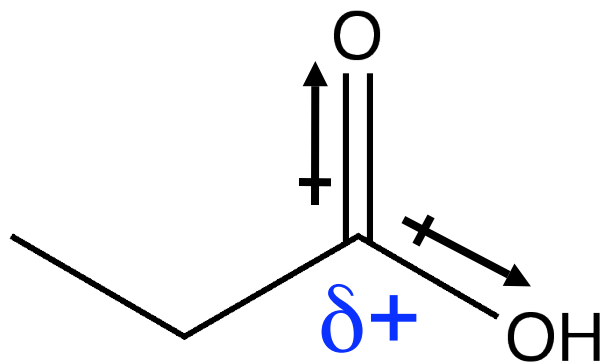
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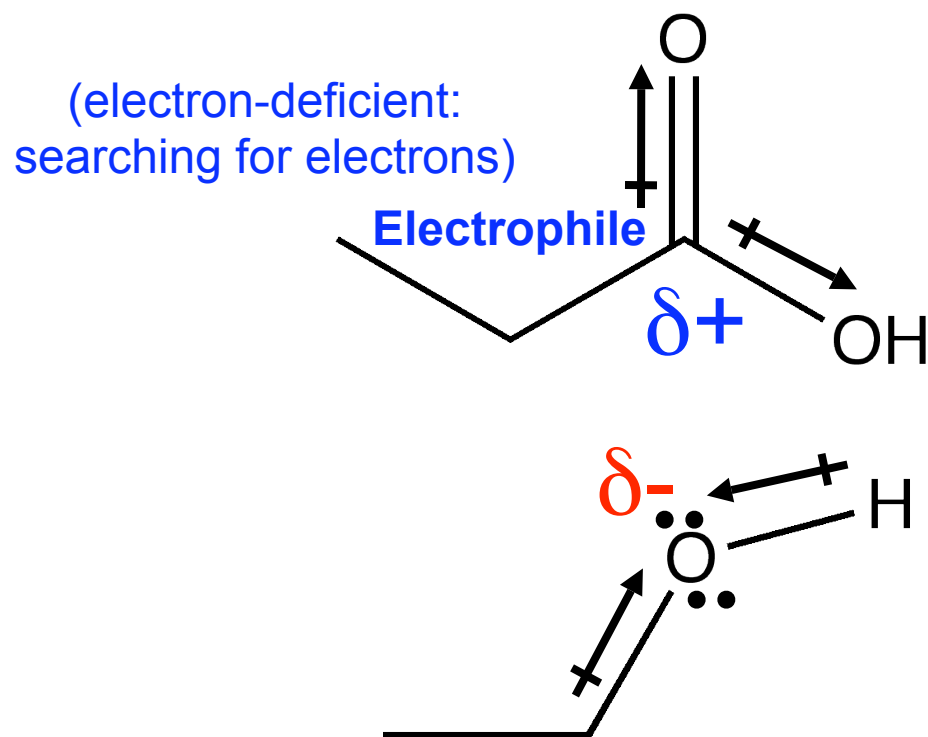


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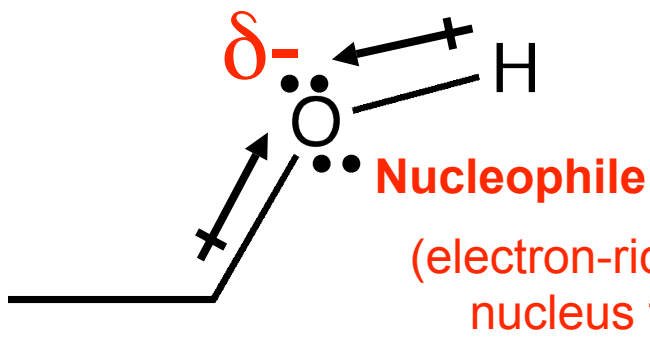
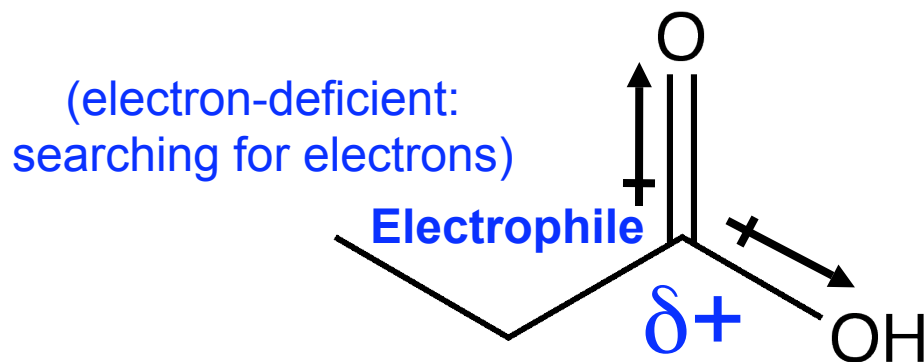




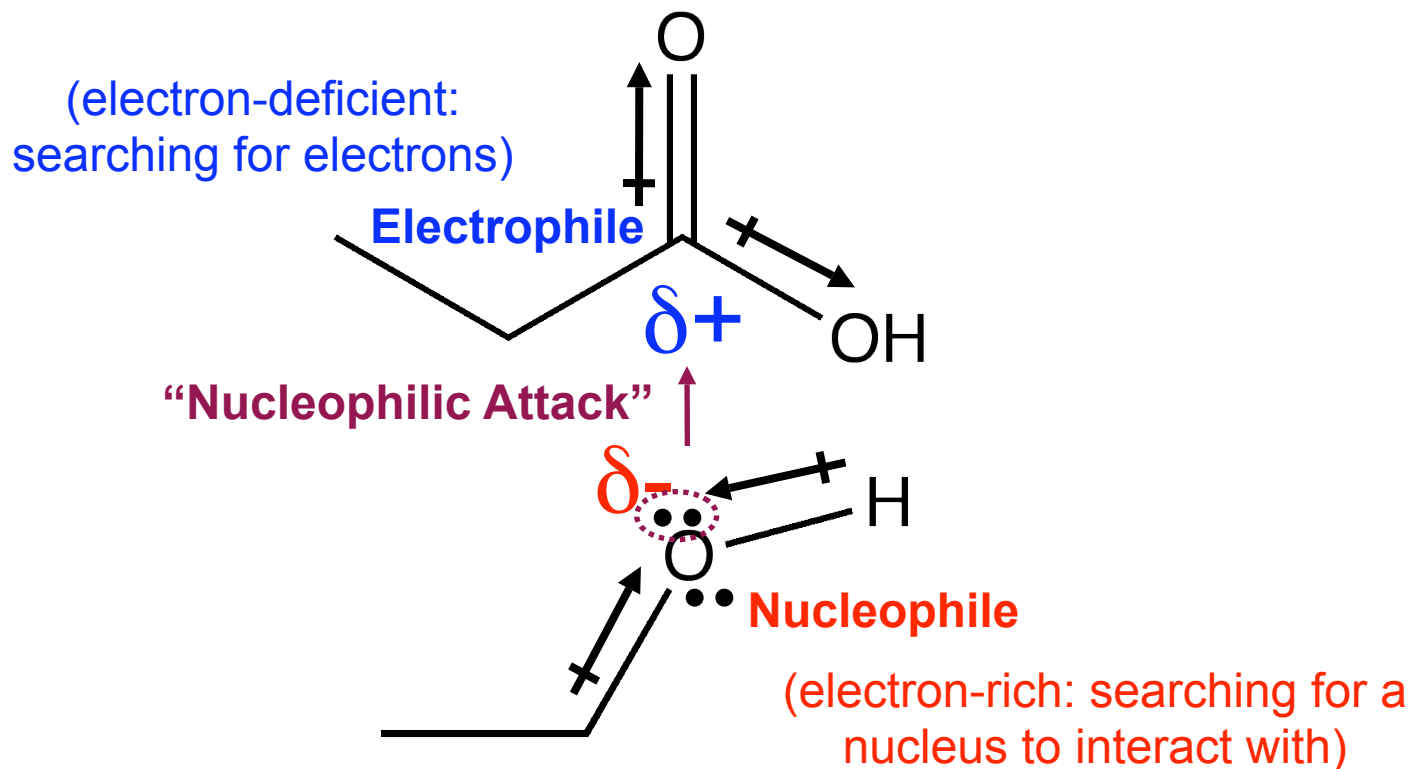
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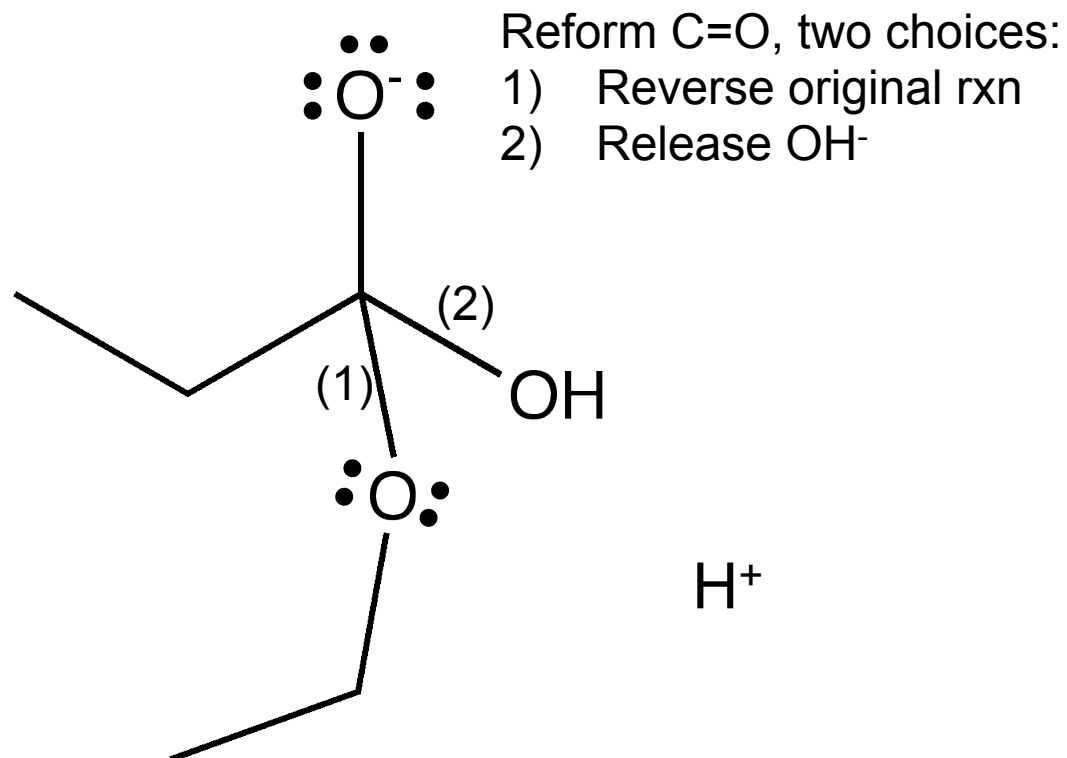
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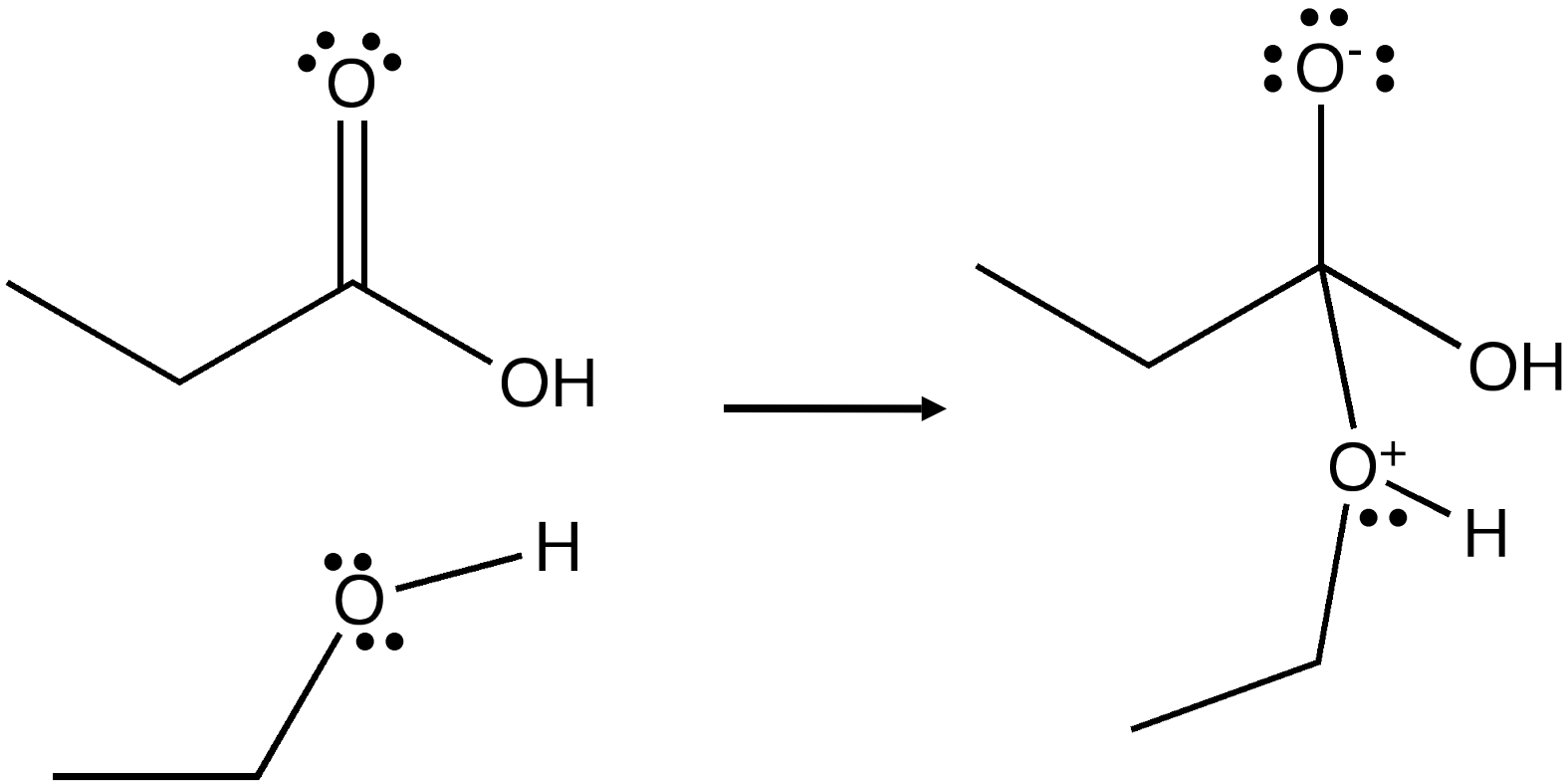


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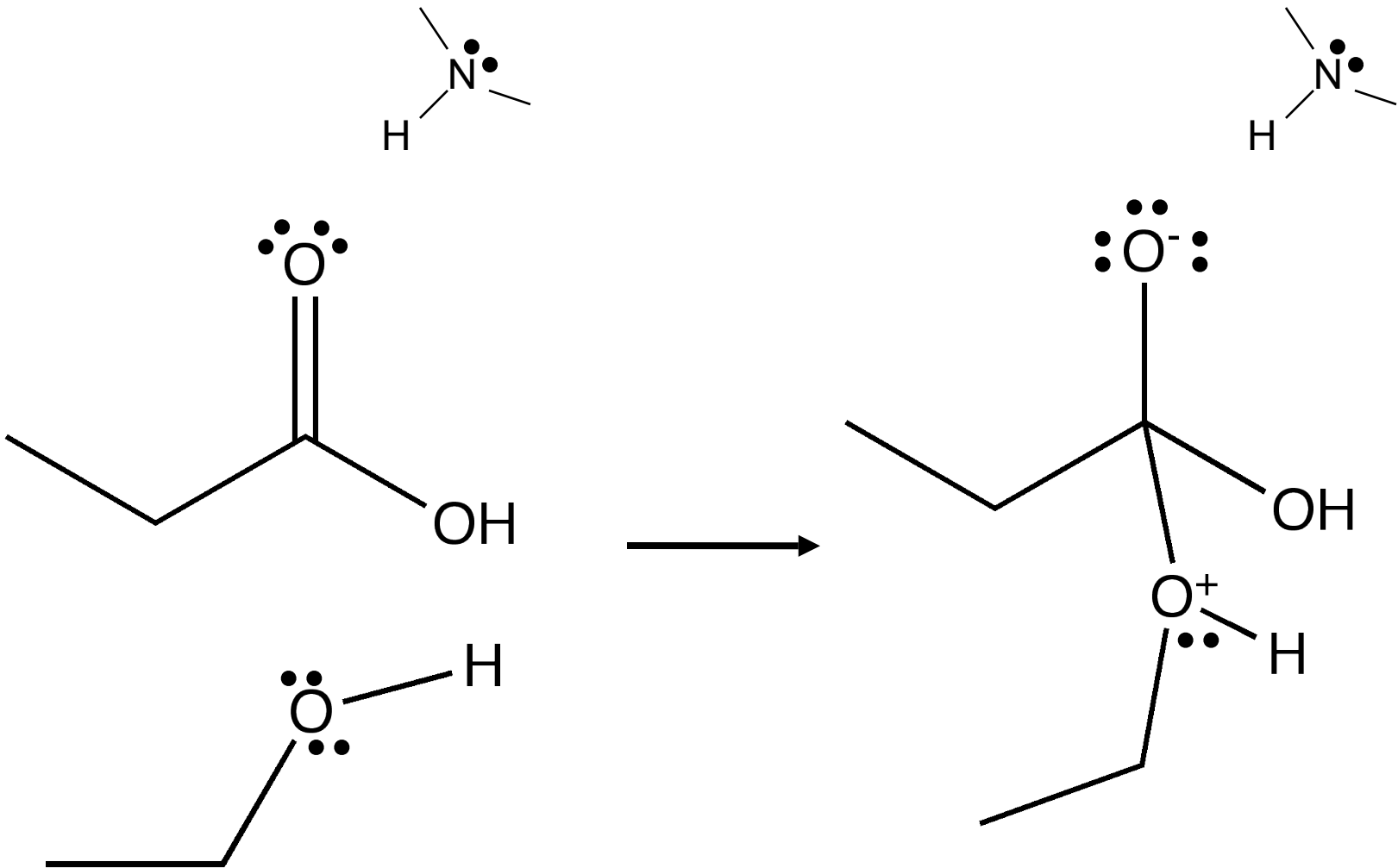
# Biochemistry

Enzymes: How to *catalyze* reaction?



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