

Figure 15.1
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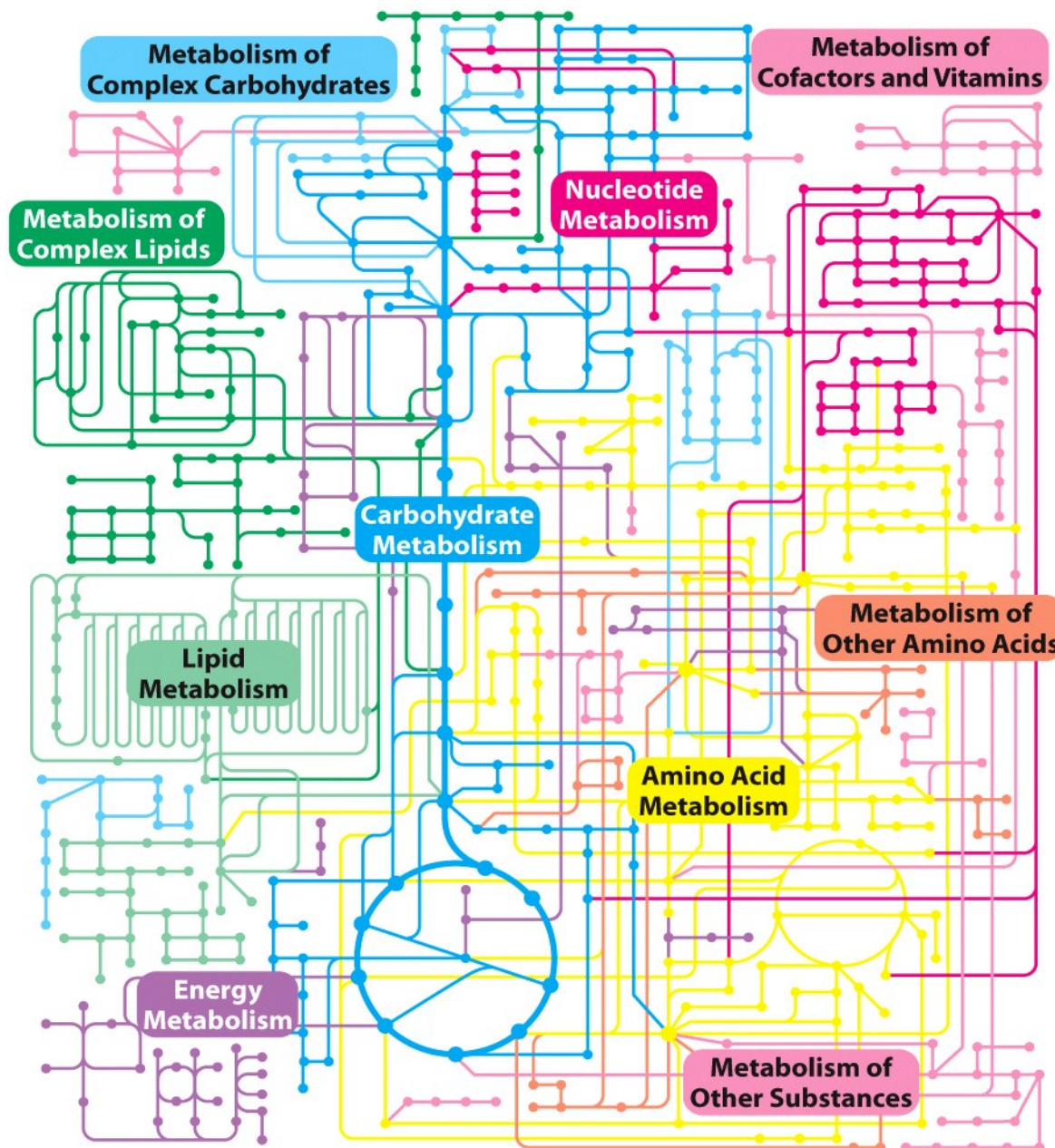
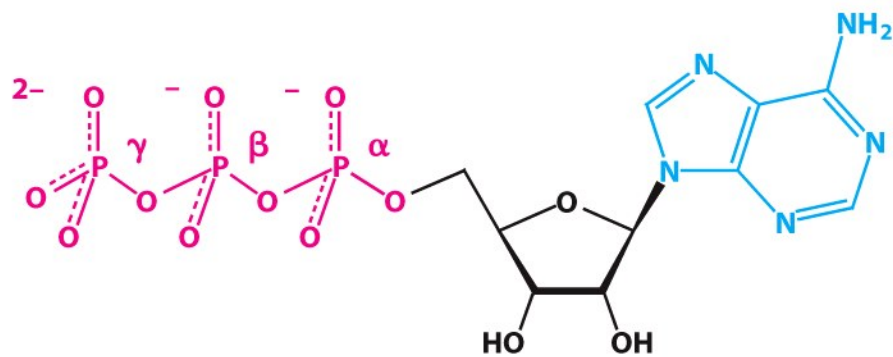
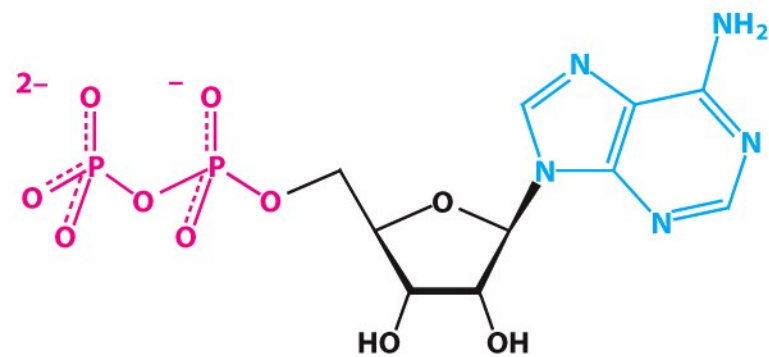


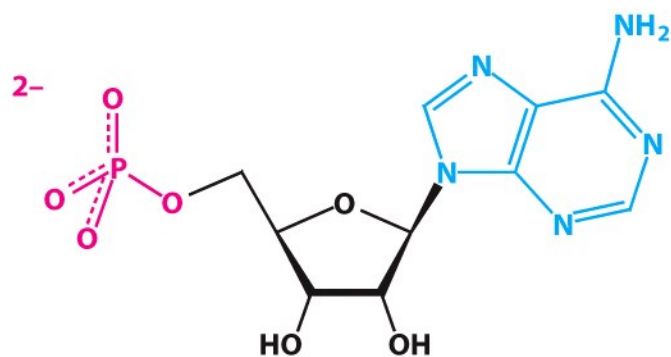
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Adenosine triphosphate (ATP)



Adenosine diphosphate (ADP)



Adenosine monophosphate (AMP)

Figure 15.3

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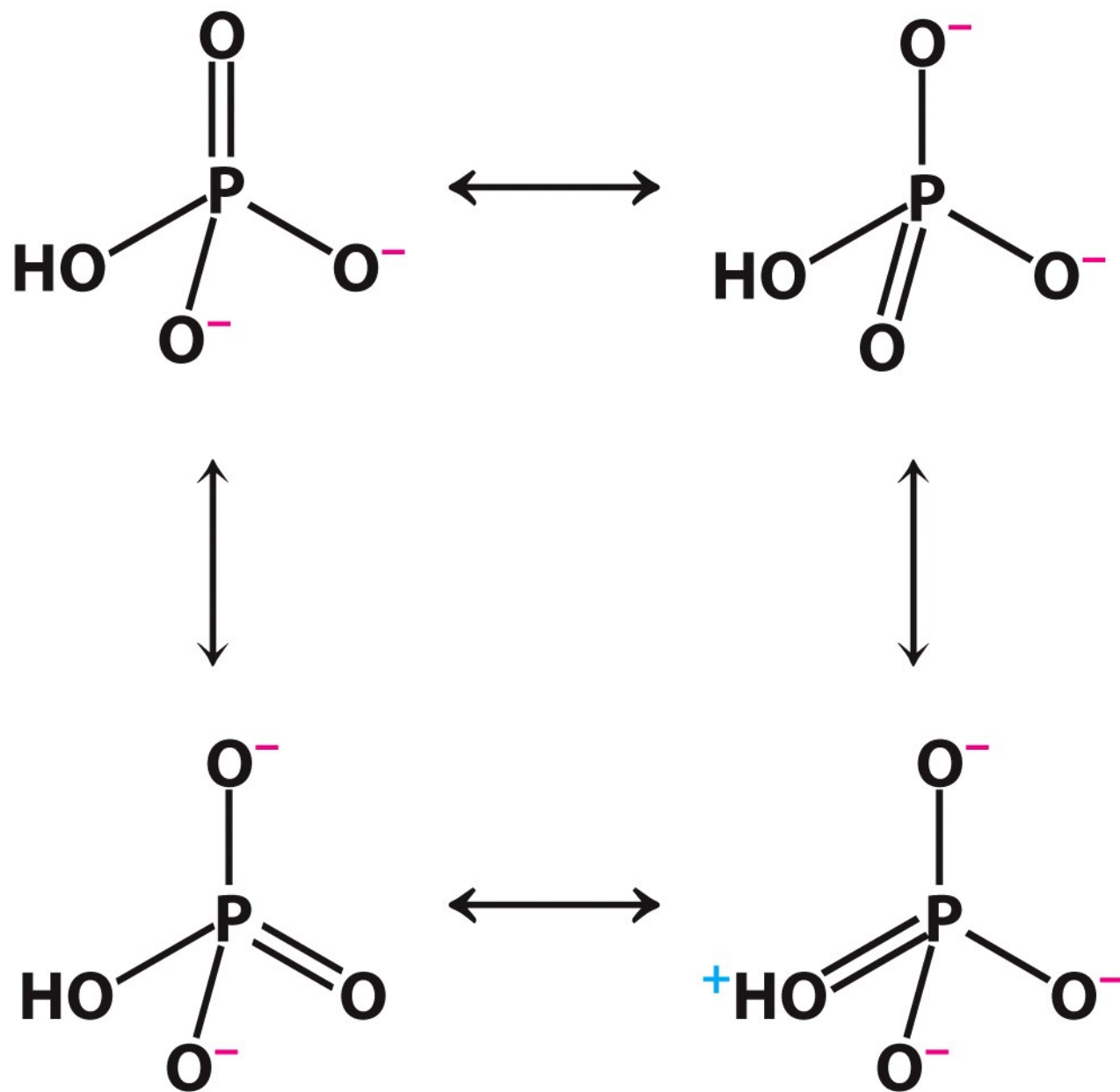


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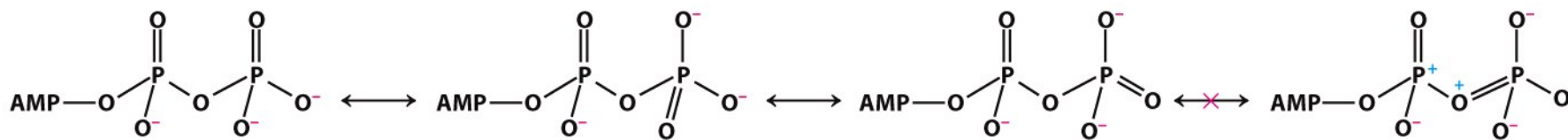


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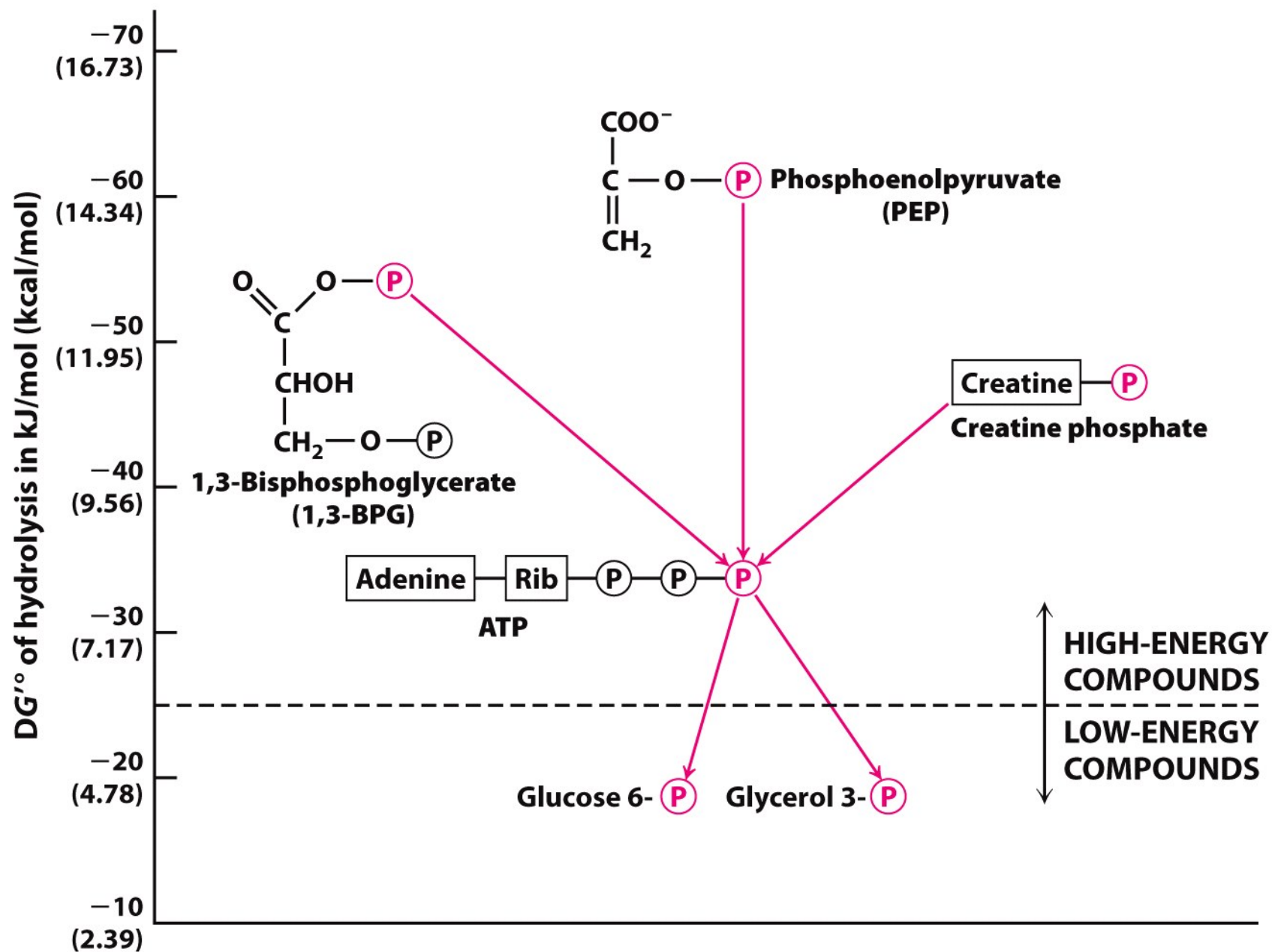


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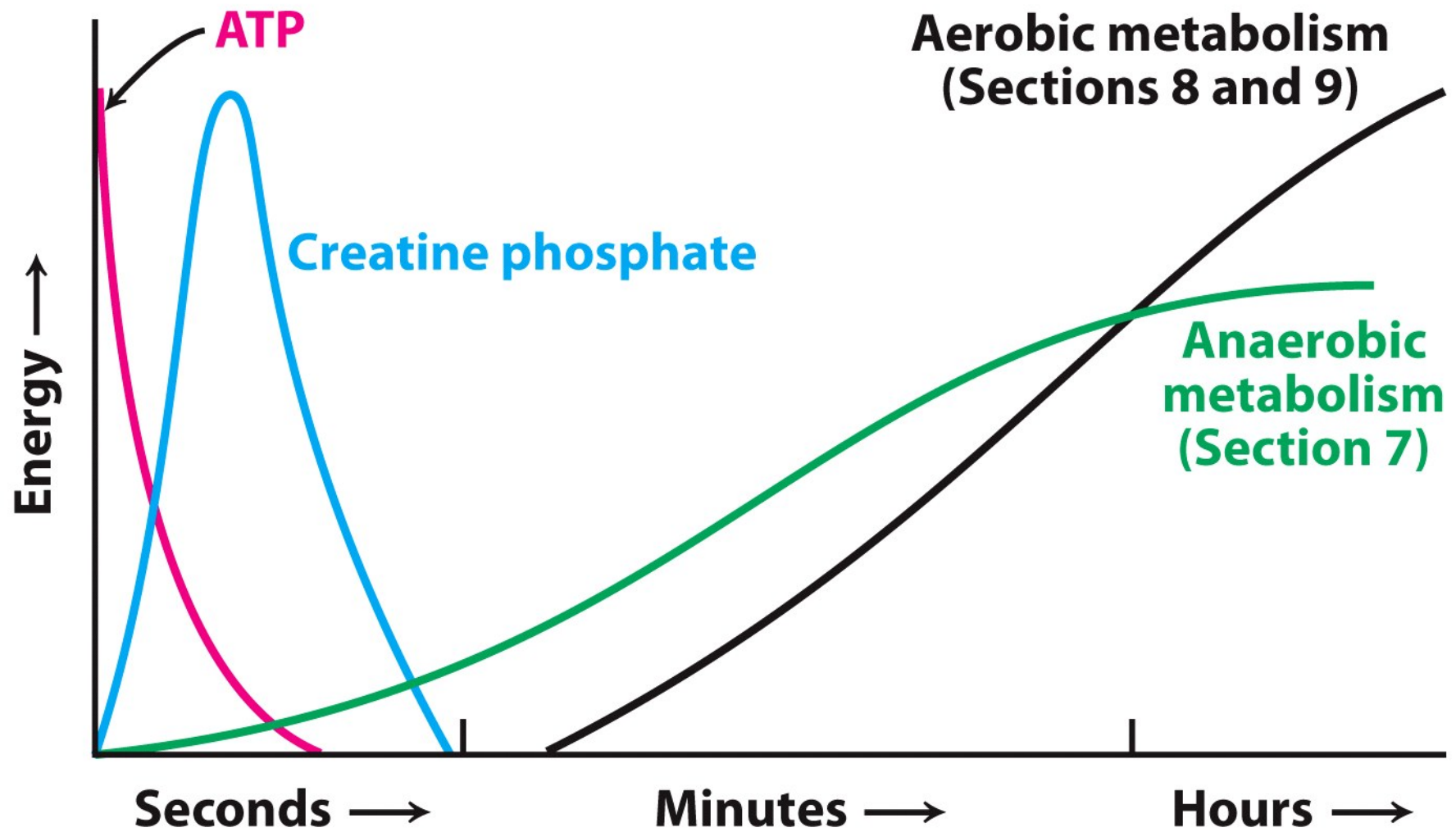


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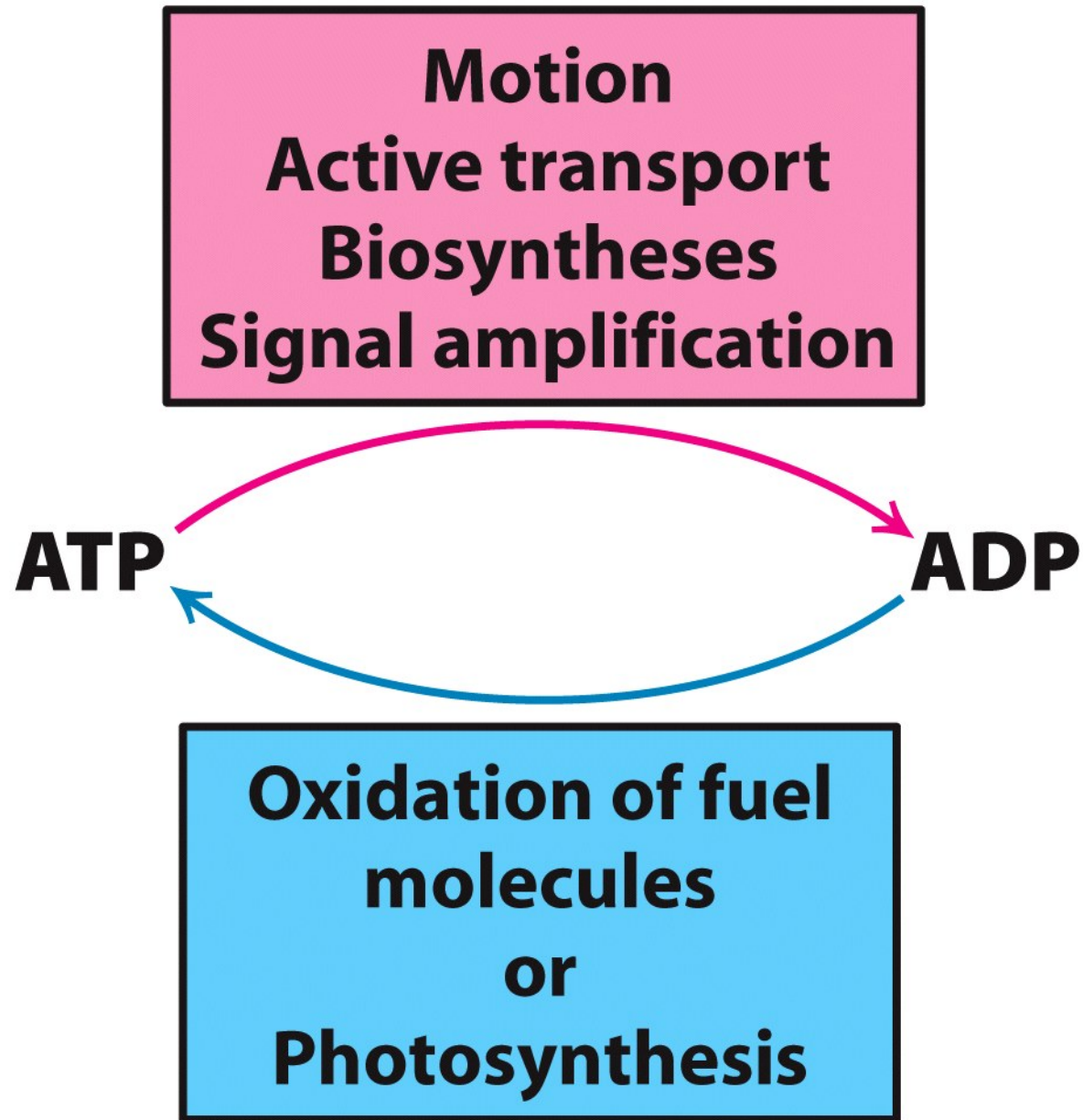


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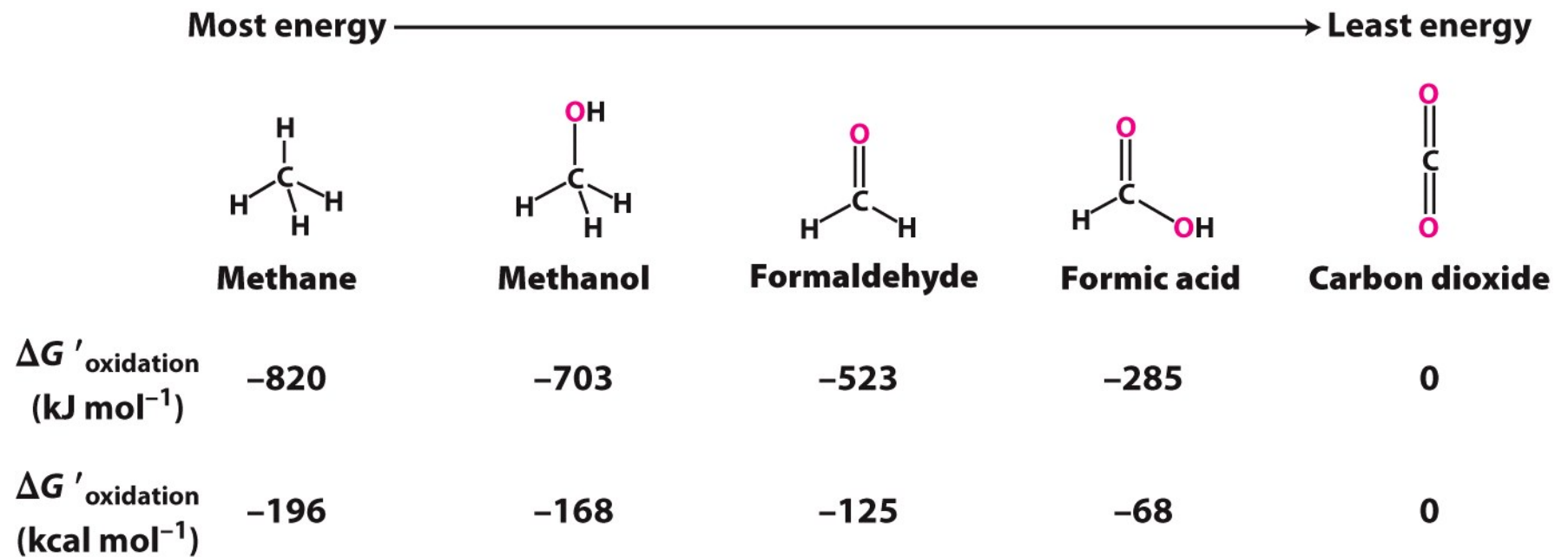
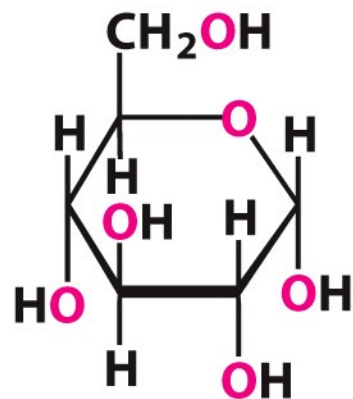


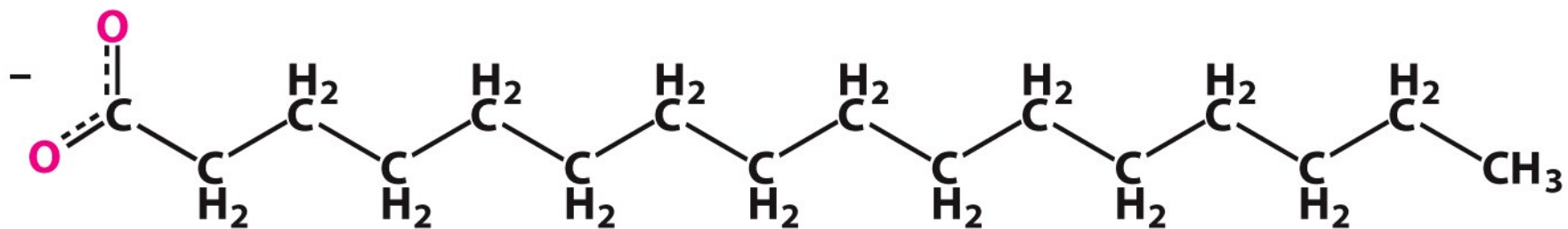
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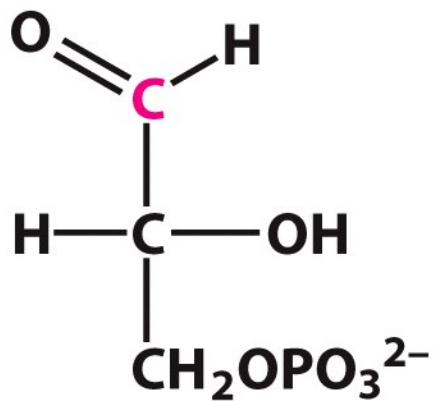


Glucose

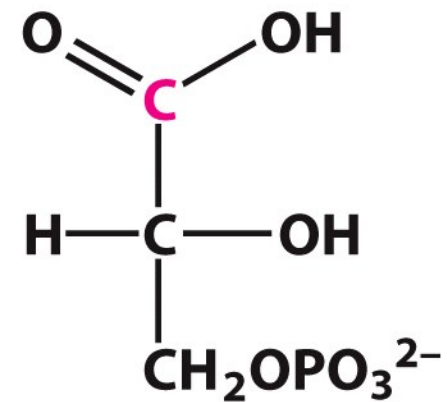


Fatty acid

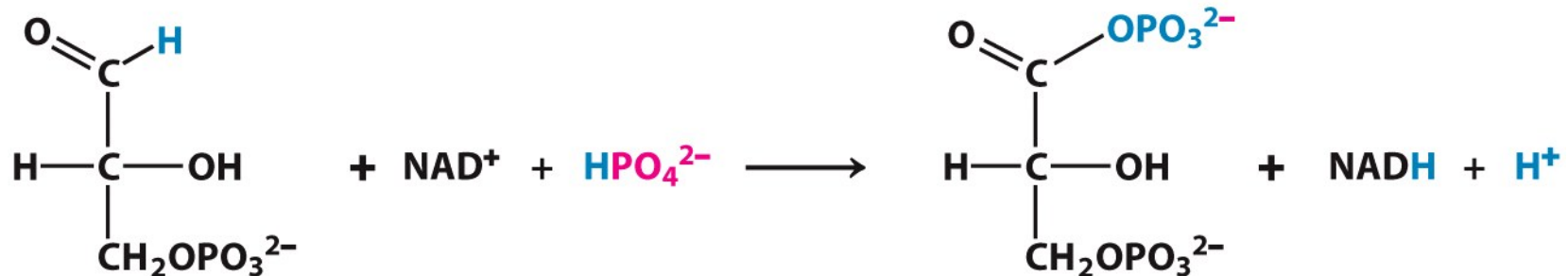
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Glyceraldehyde 3-phosphate



3-Phosphoglyceric acid



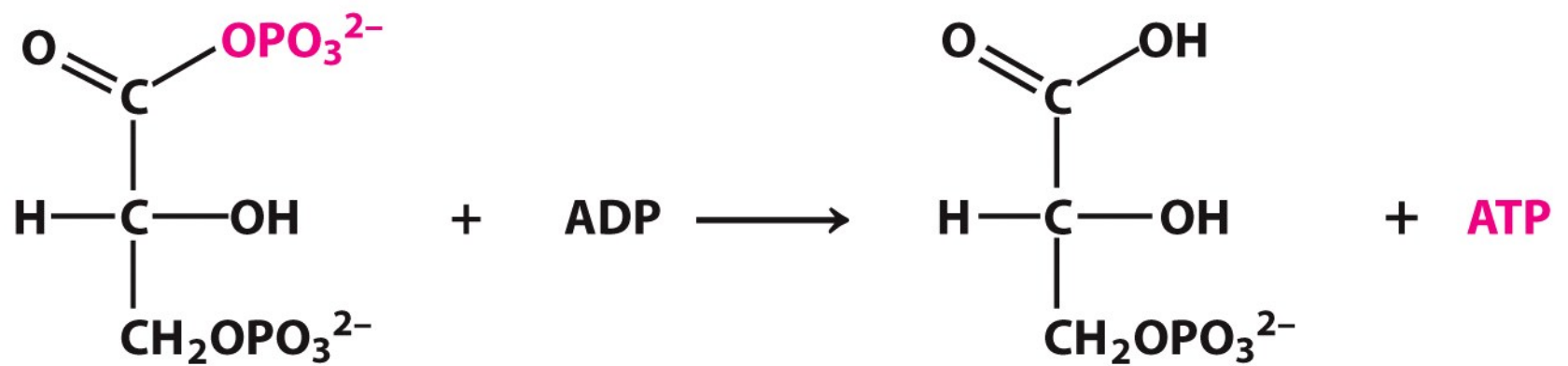
**Glyceraldehyde 3-phosphate
(GAP)**

**1,3-Bisphosphoglycerate
(1,3-BPG)**

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1,3-Bisphosphoglycerate

3-Phosphoglyceric acid

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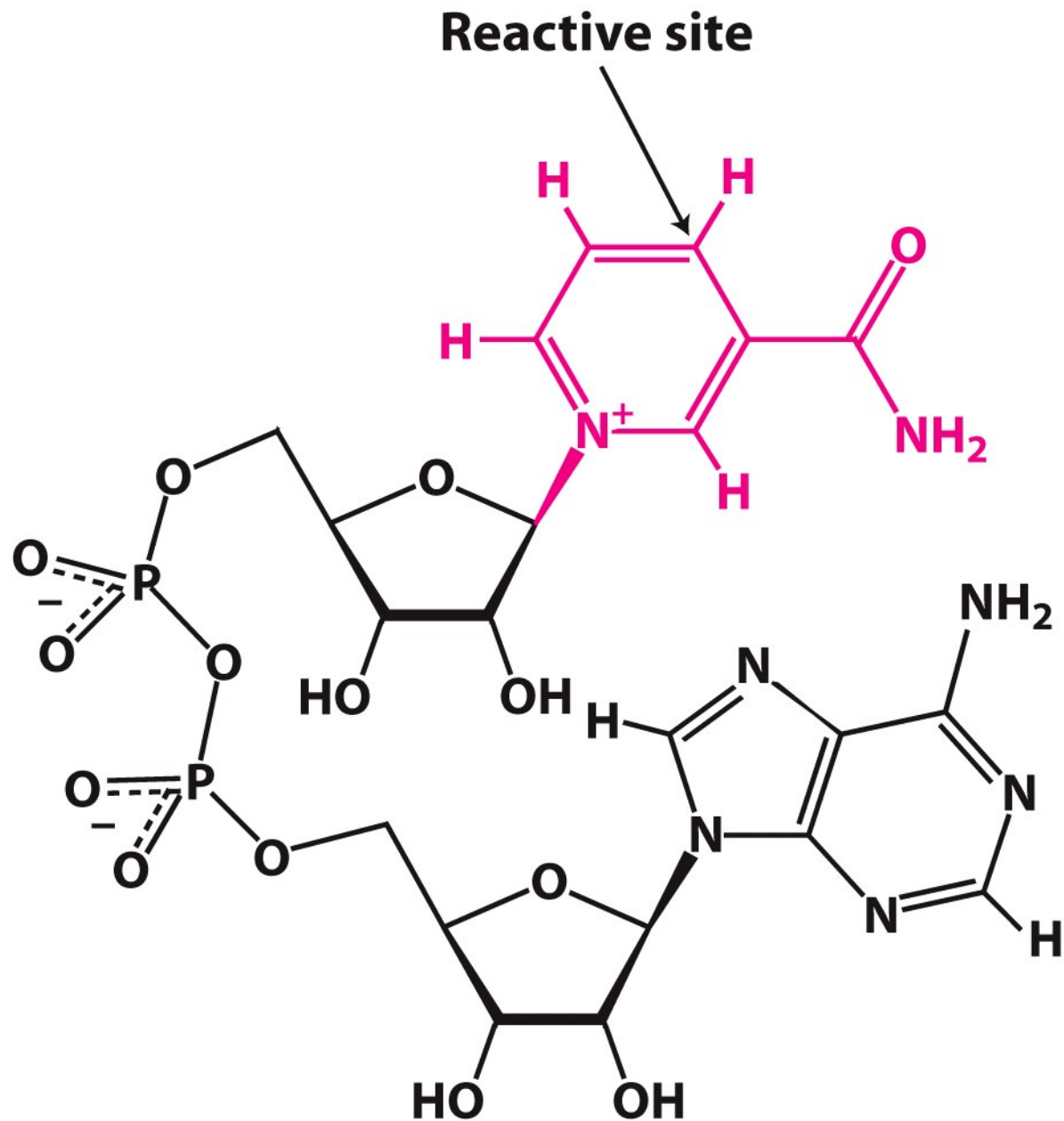


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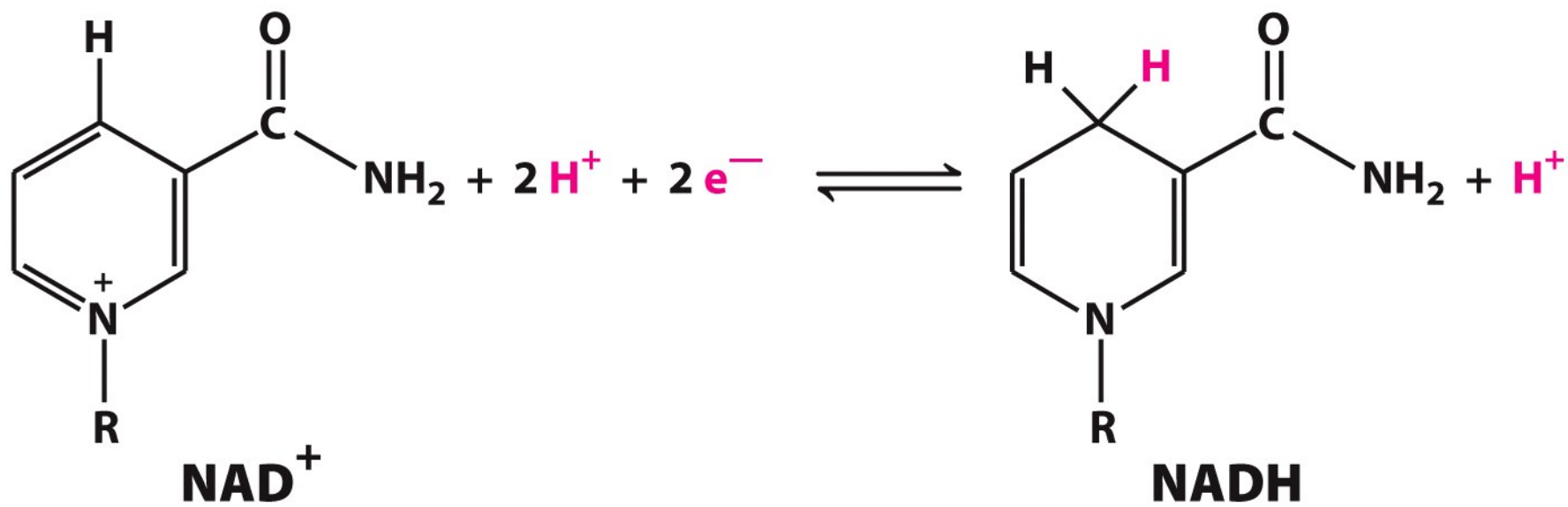
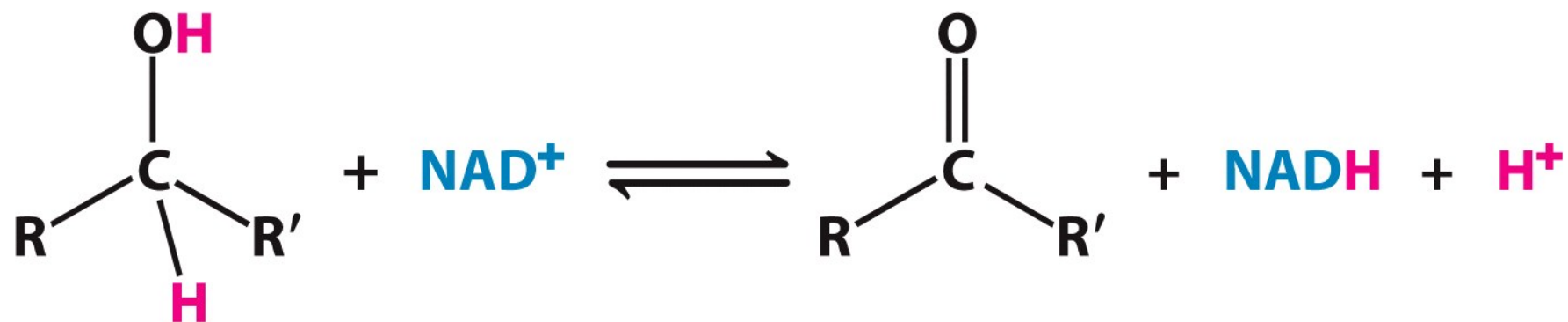


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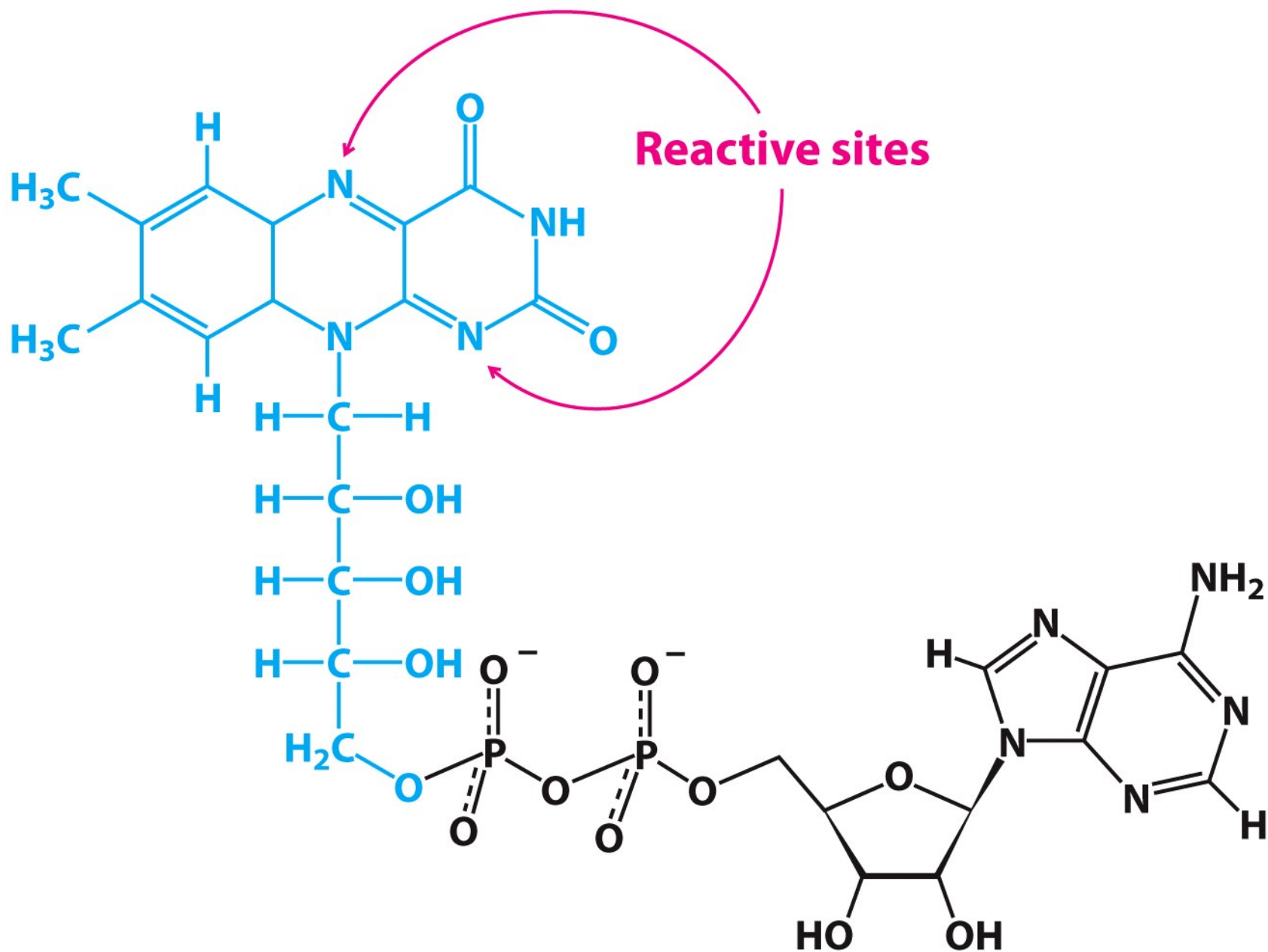
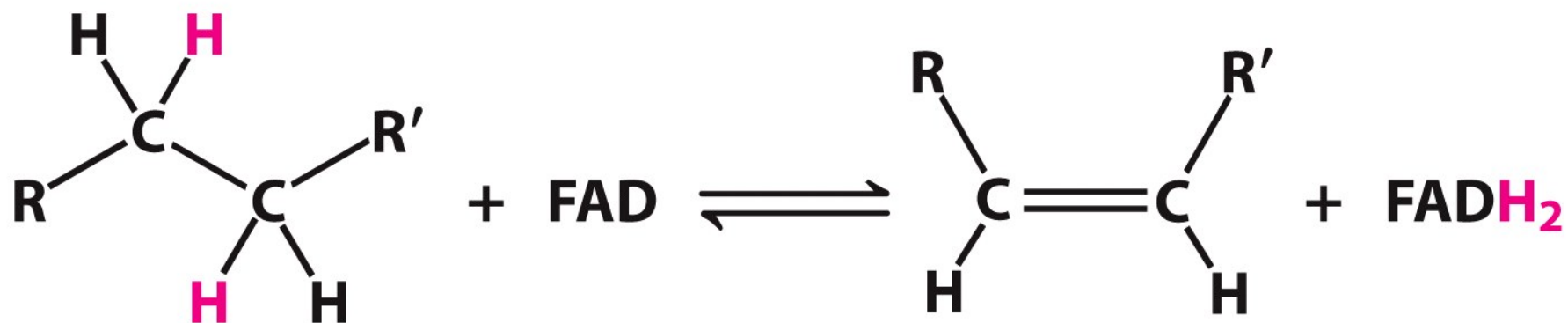


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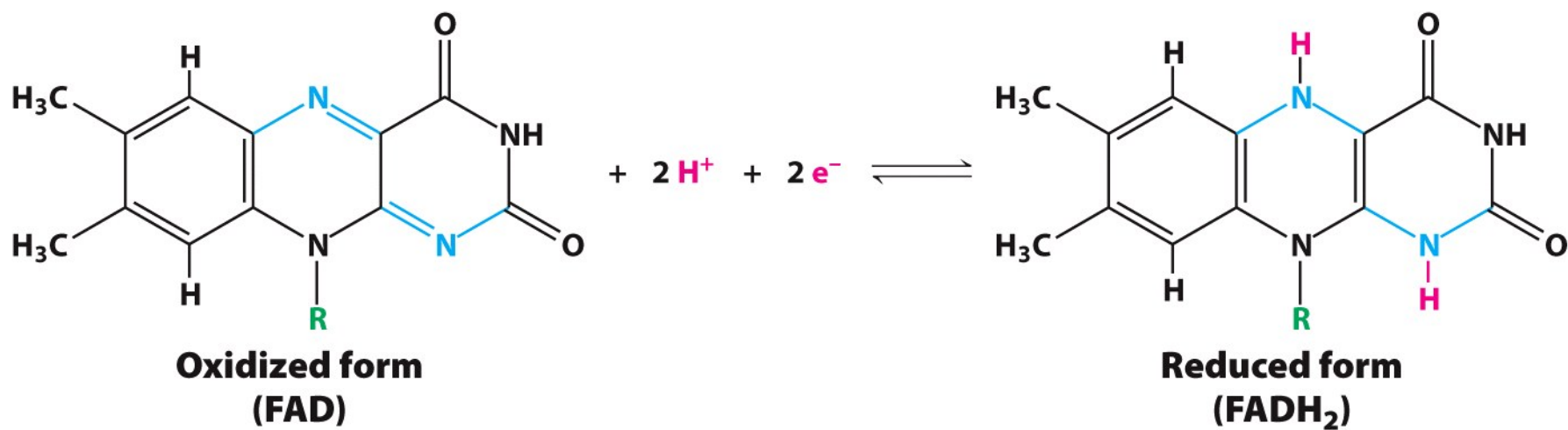
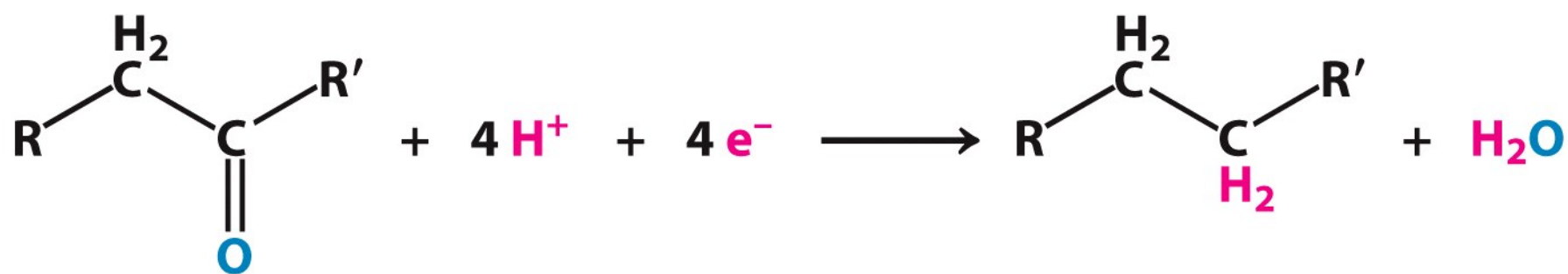


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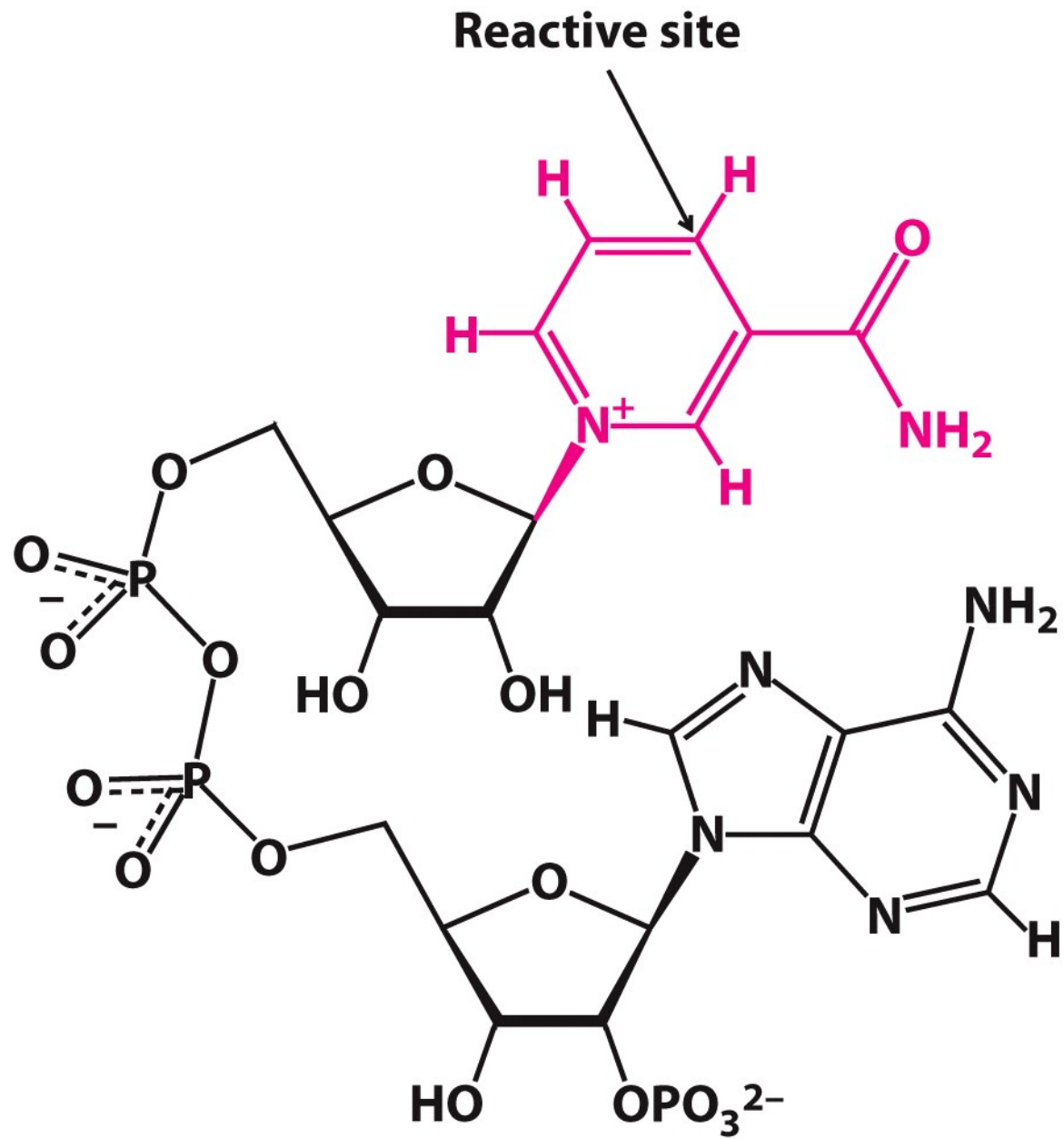


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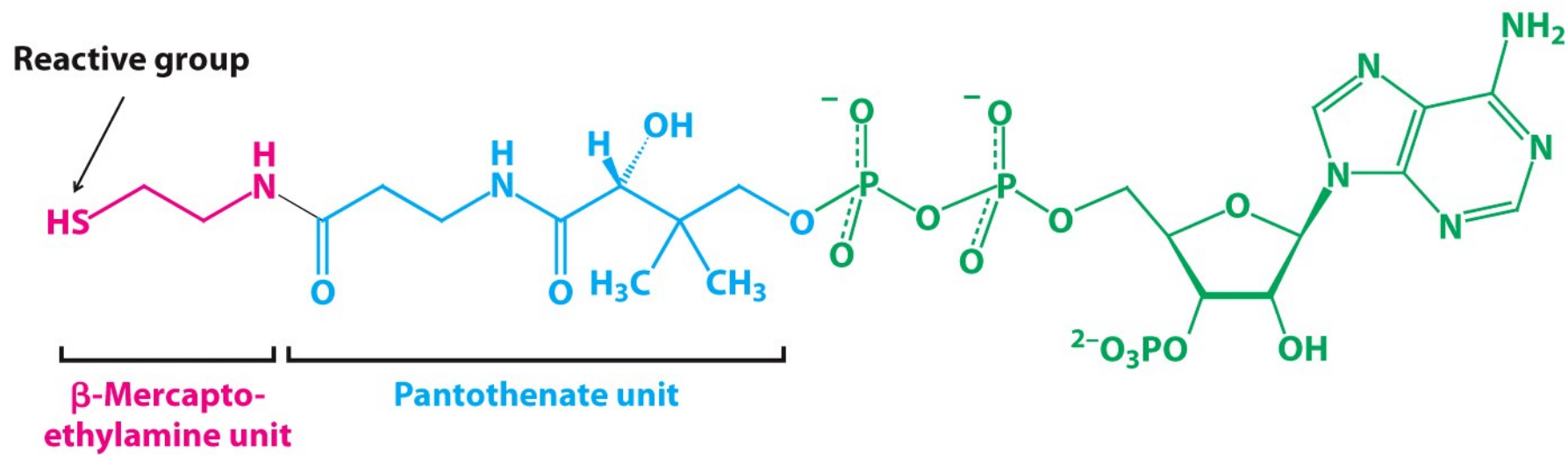
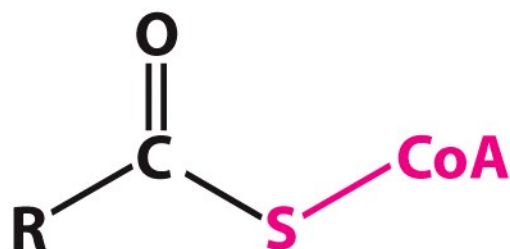
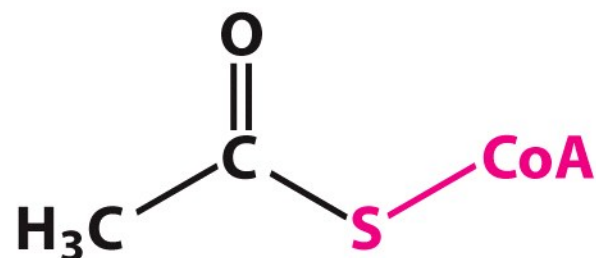


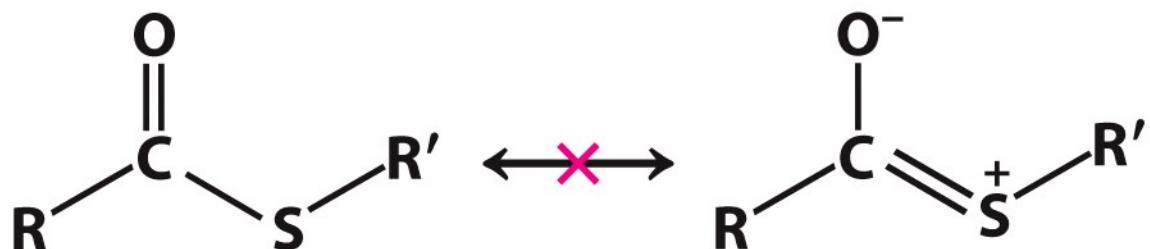
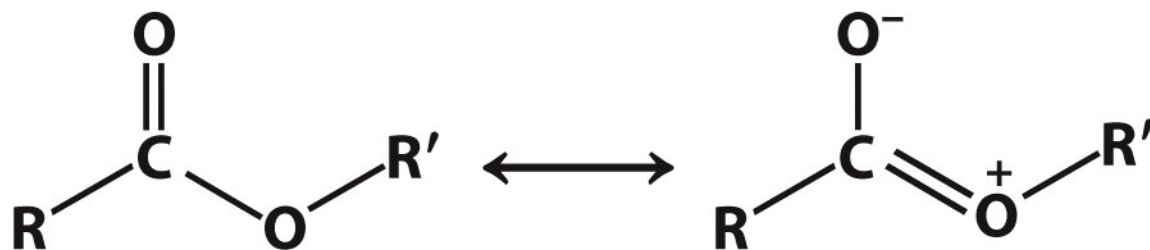
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Acyl CoA



Acetyl CoA



Oxygen esters are stabilized by resonance structures not available to thioesters.

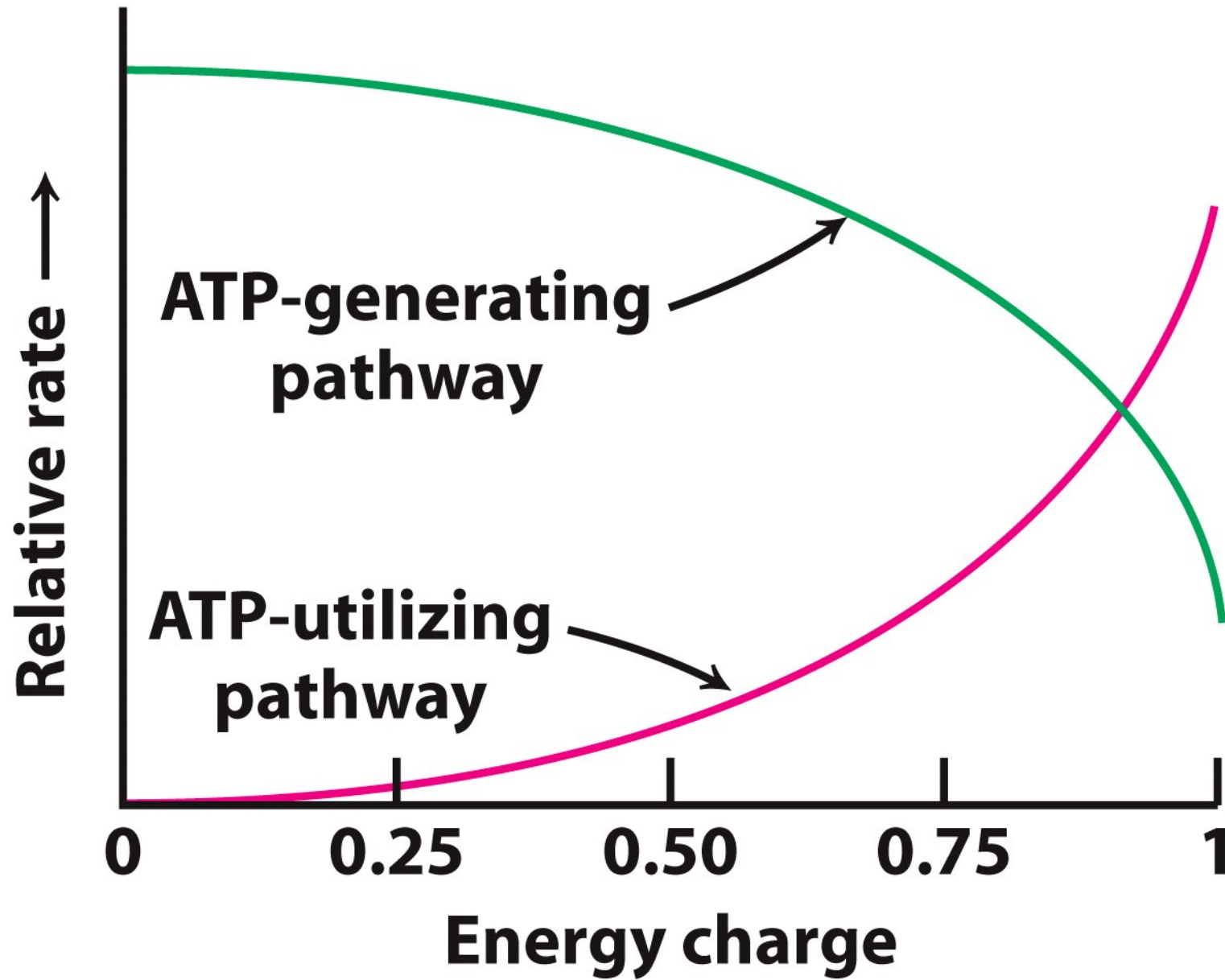


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