



ORGOREVIEW

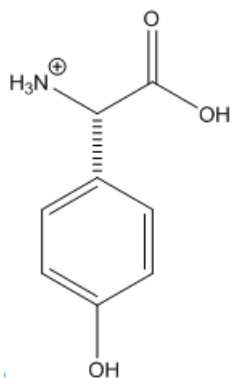
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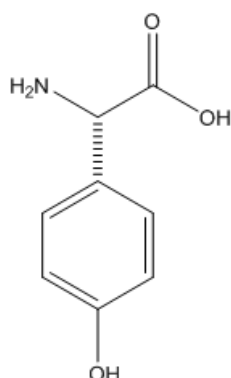
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Six different protonation states of the amino acid tyrosine are shown below. The pK_a of the carboxylic acid group is 2.2. The pK_a of the protonated amine is 9.1. The pK_a of the phenol is 10.0. Blood is buffered at pH of 7.4. What is the predominate form of tyrosine at a pH of 2?

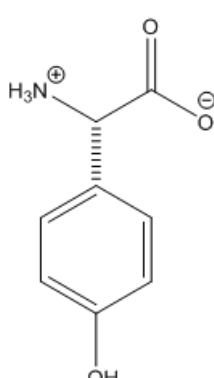
☐ (A)



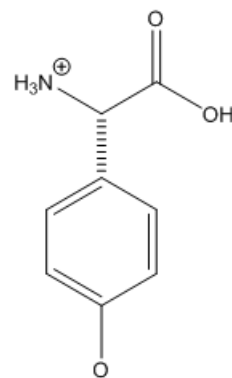
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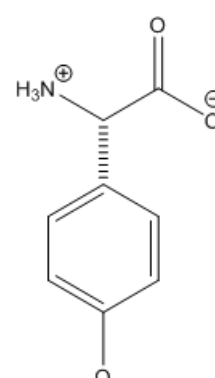
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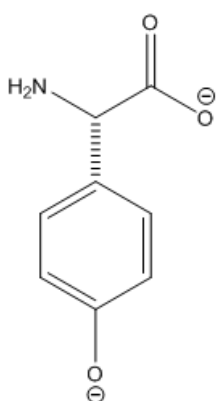
☐ (D)



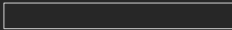
☐ (E)



☐ (F)



VIDEO SOLUTION



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Todd's Test Prep
2255 Glades Road
Suite 324A
Boca Raton, Florida 33431
E-mail: help@orgoreview.com

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