

2D IR Spectroscopy of Histidine: Probing Sidechain Structure and Dynamics via Backbone Amide I Vibration

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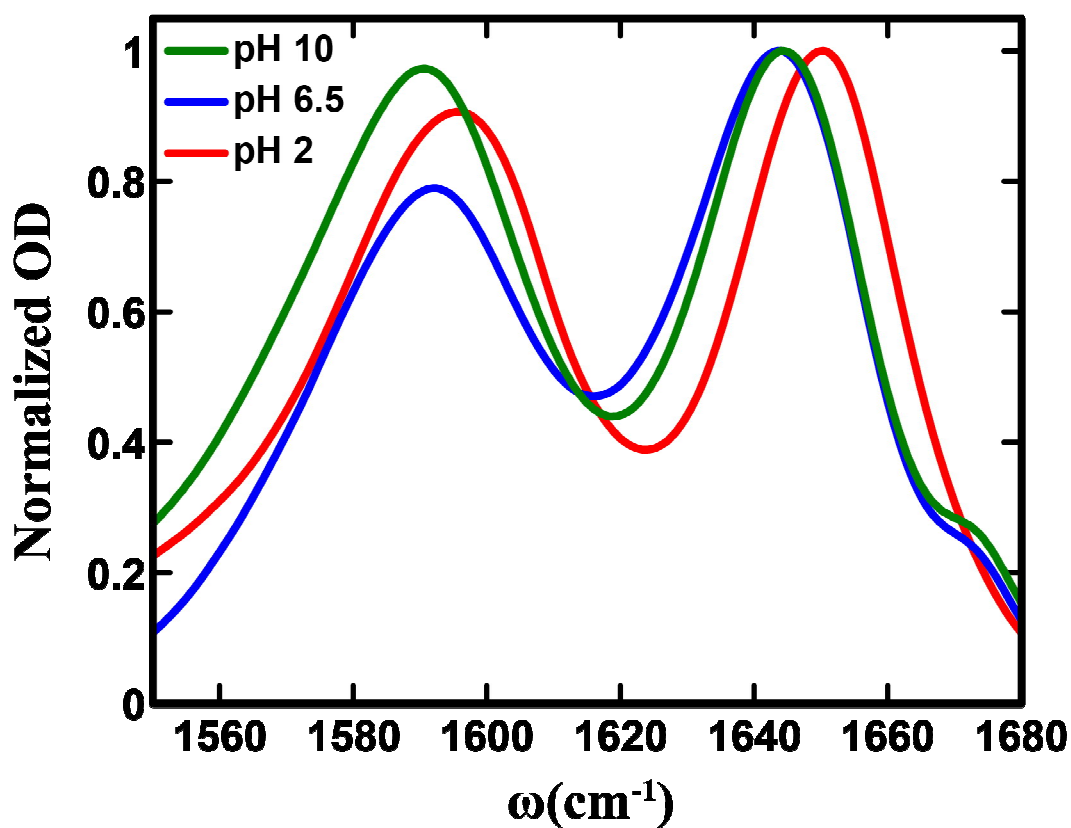


Figure S1. Linear IR spectra of the histidine dipeptide obtained at different pH values, as indicated.

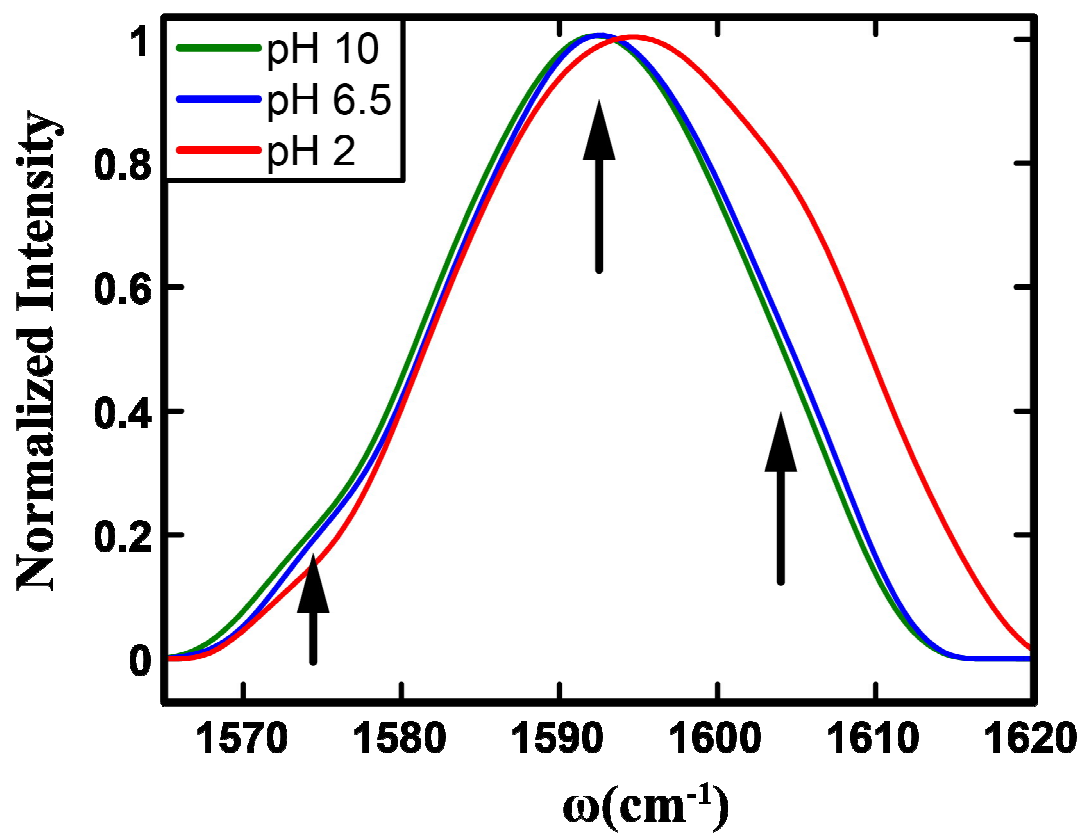


Figure S2. Diagonal traces of the $^{13}\text{C}=\text{O}$ labeled N-terminal amide obtained from 2D IR spectra at $T = 0$ and different pH values, as indicated. The diagonal traces were obtained by taking a slice of the corresponding 2D spectrum parallel to the diagonal line that runs through the peak maxima.