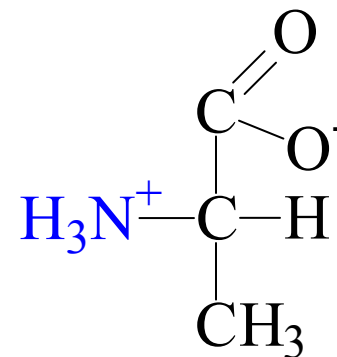
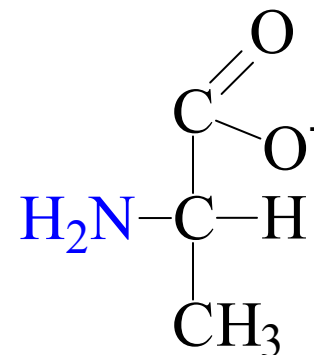


at 2nd half-way point:



pK<sub>a2</sub> = 9.69



pH = pK<sub>a2</sub> = 9.69