|  |  |  |
| --- | --- | --- |
| **Residue** | **p*K*r** | **Tautomer** |
| 83 | 6.6 | Nε2H |
| 101 | < 6 | Nε2H |
| 104 | n.d*a*. | Nδ1H |
| 111 | < 5 | Nε2H |
| 119 | 7.7 | Nε2H |

**Figure 4-Source data 1. The p*K*r values and tautomeric states of Histidine side-chain imidazole rings at 22 ºC are listed.**

*a*n.d.: not determined since the resonances broaden out below pH 7.5.