

**Supplemental Information for**  
**Adsorption of sulfamethoxazole (SMZ) and ciprofloxacin (CIP)**  
**by humic acid (HA) : Characteristics and mechanism?**

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Fig.S1 The mole fraction of cationic (diamonds), neutral (squares), and anionic (triangles) forms of CIP as a function of pH. pKa values are from Carabineiro. et al. (2012).

Fig.S2 The mole fraction of cationic (diamonds), neutral (squares), and anionic (triangles) forms of SMZ as a function of pH. pKa values are from Fukahori. et al (2011).

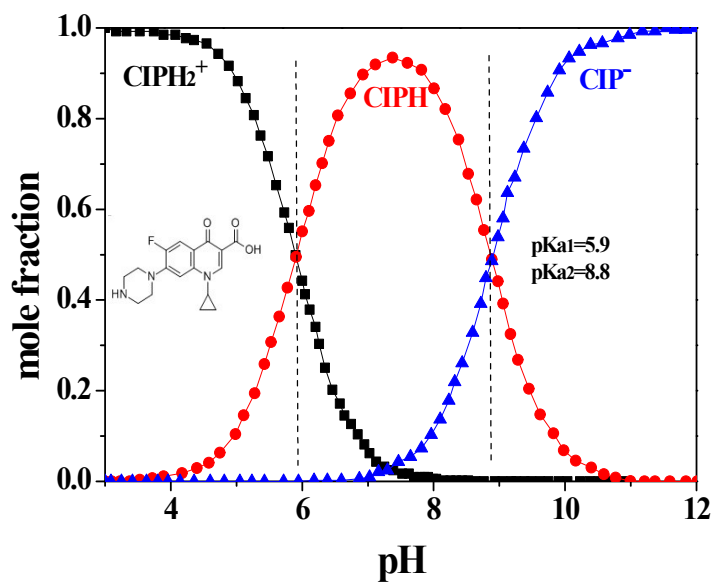


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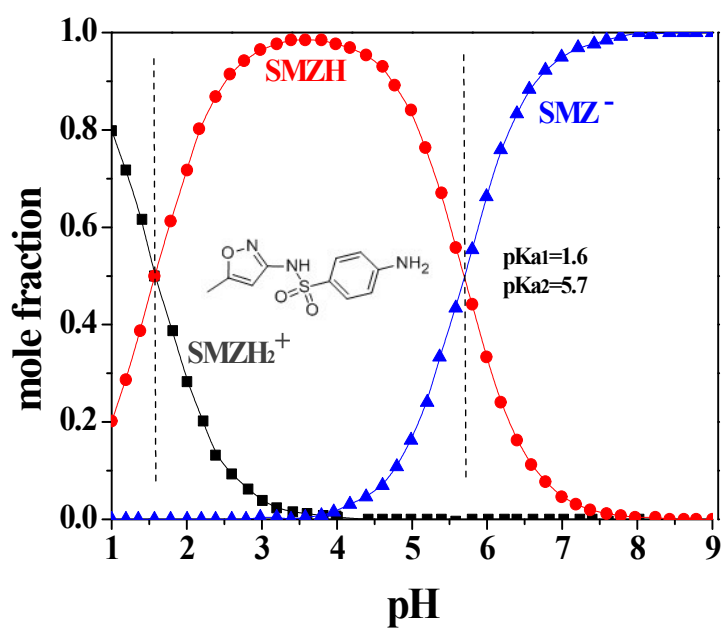


Fig.S2 The mole fraction of cationic (diamonds), neutral (squares), and anionic (triangles) forms of SMZ as a function of pH. pKa values are from Fukahori. et al (2011).