

Figure S1. Binding isotherm for the titration of Et'-Pep with Zn²⁺ at 10 °C, 10 mM PIPES, pH 7.2. Δ Absorbance measured at 510 nm in UV/visible spectrum.

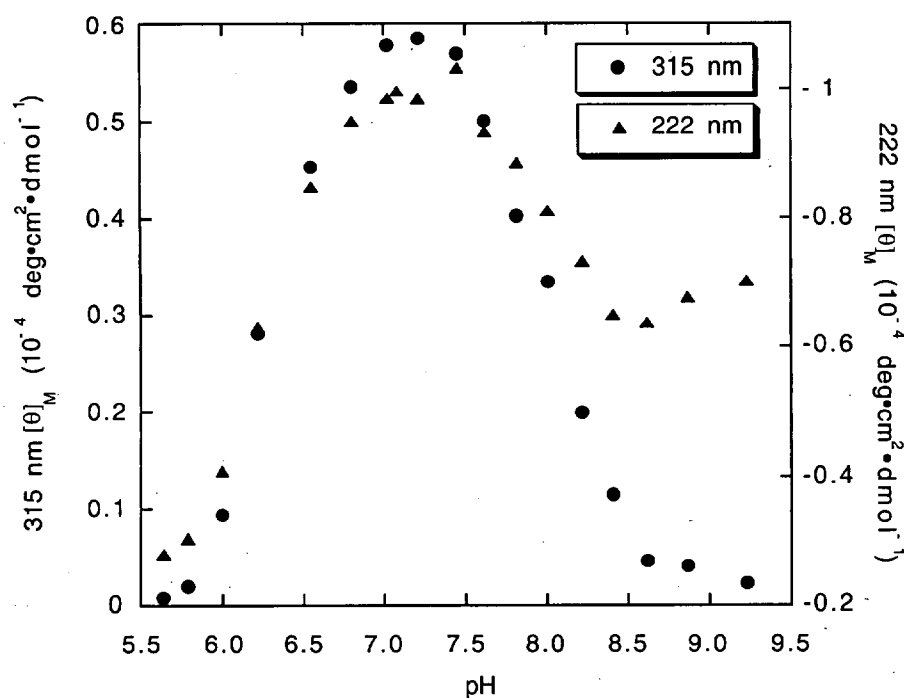


Figure S2. Plot of the CD molar ellipticity at 315 nm (left axis, circles) and at 222 nm (right axis, triangles) vs pH. Solution was buffered with 10 mM PIPES (pH 5.5 - 7.5) or 25 mM tris·HCl (pH 7.0 - 9.2). All data were collected in a dual pathlength cell with a 1 cm pathlength used to check UV/vis spectra and a 0.4 cm pathlength used for CE measurements. The pH was adjusted by adding small aliquots of either 0.1 M NaOH (PIPES) or 0.1 M HCl (tris·HCl), and checked by pH-meter. Temperature maintained at 20 °C.