

# Structural Data and Vibrational Spectra of the Copper(II) Complex of L-Selenomethionine

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A Cu(II) complex of the amino acid L-selenomethionine of stoichiometry  $\text{Cu}(\text{L-SeMet})_2$ , has been prepared and characterized. Crystallographic data were obtained by means of X-ray powder diffraction and showed that the compound is isostructural with the related complex of L-methionine,  $\text{Cu}(\text{L-Met})_2$ . The structural analogy is also supported by the analysis of the IR and Raman spectra of the complex, which are briefly discussed in comparison with those of free L-selenomethionine.

*Key words:* Bis(L-selenomethioninato)copper(II), Crystallographic Data, IR Spectra,  
Raman Spectra