

**Metallkomplexe mit biologisch wichtigen Liganden, CXIX [1].  
Ein tetraedrischer Zink-Komplex (L-*tert*-Leucin)<sub>2</sub>ZnCl<sub>2</sub> mit  
Carboxylat-koordiniertem L-*tert*-Leucin in der Zwitterform**

Metal Complexes of Biologically Important Ligands, CXIX [1].

A Tetrahedral Zinc Complex (L-*tert*-Leucine)<sub>2</sub>ZnCl<sub>2</sub> of Carboxylate  
Coordinated L-*tert*-Leucine in the Zwitterionic Form

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Sonderdruckanforderungen an Prof. Dr. W. Beck.

Z. Naturforsch. **54 b**, 734–736 (1999); eingegangen am 1. April 1999

Zinc, L-*tert*-Leucine

From an aqueous solution of ZnCl<sub>2</sub> and L-*tert*-leucine the complex (L-*tert*-leucine)<sub>2</sub>ZnCl<sub>2</sub> · 2 CH<sub>3</sub>OH with a distorted tetrahedral structure is formed in which, according to an X-ray structure analysis, the zwitterionic form of the amino acid is coordinated through the carboxylate group.