

Metallkomplexe mit biologisch wichtigen Liganden, CXXXIII [1].

α -Aminocarboxylat-Chelate von cyclometallierten Rhodium-Komplexen

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

α -Aminocarboxylate Chelates of Cyclometalated Rhodium Complexes

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The chloro bridged complexes $[(2\text{-phenylpyridine-C,N})_2\text{RhCl}]_2$ and $[(\text{benzo[h]chinoline-C,N})_2\text{RhCl}]_2$ react with the anions of alanine, valine and phenylalanine to give the chiral octahedral N,O-chelates $\text{L}_2\text{Rh}(\alpha\text{-aminocarboxylate})$ (**1** - **5**) as mixtures of two diastereoisomers. The complex $(\text{benzo[h]chinoline-C,N})_2\text{Rh}[(S)\text{-NH}_2\text{CH}(\text{CH}_3)\text{CO}_2\text{-N,O}]$ was characterized by X-ray diffraction. Its crystals contain two diastereoisomers in the unit cell.