

Metallkomplexe mit biologisch wichtigen Liganden, CXV [1].

Addition von α -Aminosäureestern an $[\text{CpFe}(\text{CO})_3]^+$: Carbamoylkomplexe $\text{Cp}(\text{OC})_2\text{Fe}-\text{C}(\text{O})\text{NHCHR}\text{CO}_2\text{R}'$ und Kristallstruktur von $\text{Cp}(\text{OC})_2\text{Fe}-\text{C}(\text{O})\text{NHCH}_2\text{CO}_2\text{Et}$

Metal Complexes of Biologically Important Ligands, CXV [1]. Addition of α -Amino Acid Esters to $[\text{CpFe}(\text{CO})_3]^+$: Carbamoyl Complexes $\text{Cp}(\text{OC})_2\text{Fe}-\text{C}(\text{O})\text{NHCHR}\text{CO}_2\text{R}'$ and Crystal Structure of $\text{Cp}(\text{OC})_2\text{Fe}-\text{C}(\text{O})\text{NHCH}_2\text{CO}_2\text{Et}$

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Carbamoyl Iron Complexes, α -Amino Acid Esters, Cyclopentadienyl

α -Amino acid esters can be added to a carbonyl ligand of $[\text{CpFe}(\text{CO})_3]^+\text{CF}_3\text{SO}_3^-$ to give the carbamoyl complexes $\text{Cp}(\text{OC})_2\text{Fe}-\text{C}(\text{O})\text{NHCHR}\text{CO}_2\text{R}'$ ($\text{R} = \text{H}, \text{Me}, \text{CHMe}_2, \text{CH}_2\text{Ph}$; $\text{R}' = \text{Et}, \text{Me}$). This type of reaction may be useful for the marking of peptides at the amino end. The crystal structure of $\text{Cp}(\text{OC})_2\text{Fe}-\text{C}(\text{O})\text{NHCH}_2\text{CO}_2\text{Et}$ was determined by X-ray diffraction.

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