Addition von α-Aminosäureestern an den Cycloheptadienyl-Liganden von $[(\eta^5\text{-}C_7H_9)Fe(CO)_3]^+$ und den Allyl-Liganden des chiralen $[(\eta^3\text{-}C_3H_5)Mo(Cp)(CO)(NO)]^+$ [1]

Addition of α-Amino Acid Esters to the Cycloheptadienyl Ligand of $[(\eta^5\text{-}C_7H_9)Fe(CO)_3]^+$ and of the Allyl Ligand of the chiral $[(\eta^3\text{-}C_3H_5)Mo(Cp)(CO)(NO)]^+$ [1]

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The reactions of GlyOEt, L-AlaOMe, L-ValOMe or L-PheOMe with cycloheptadienyltricarbonyliron tetrafluoroborate afford the neutral 5-exo-amino substituted cycloheptadiene complexes $[(\eta^4\text{-}C_7H_9NHCHRCO_2R')Fe(CO)_3]$ which are formed as two diastereoisomers with R = Me, $CHMe_2$, CH_2Ph. The addition of GlyOEt, L-AlaOMe or L-VaOMe to the chiral $[(\eta^3\text{-}C_3H_5)Mo(Cp)(CO)(NO)]BF_4$ gives the olefin complexes $[(\eta^2\text{-}CH_2{=}CH\text{-}CH_2\text{-}NH_2CHRCO_2R')Mo(Cp)(CO)(NO)]BF_4$.

Key words: α-Amino Acid Ester, Nucleophilic Addition, Cycloheptadienyl Iron, Allyl, Molybdenum