Metal Complexes of Biologically Important Ligands, CLVI [1]. Metal Complexes of 4-Iodo-L-phenylalanine. Oxidative Addition of 4-Iodo-L-phenylalanine Ester to Palladium(0)

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4-Iodo-L-phenylalanine gives with the chloro bridged compounds $[(Et_3P)PtCl_2]_2$, $[(Et_3P)PdCl_2]_2$ and $[Cp^*IrCl_2]_2$ the N,O-chelate complexes $(L)(Cl)M[NH_2-C(H)(CH_2C_6H_4I)CO_2]$ $(M = Pt, Pd, Ir; L = PEt_3, Cp^*)$ (1-3). Oxidative addition of N-protected 4-iodo-L-phenylalanine meth-

p-phenyl metallated amino acids (bipy)(I)Pd[$C_6H_4CH_2C(H)(NHR)CO_2Me$] (4,5) and (PPh₃)₂ (I)Pd[$C_6H_4CH_2C(H)(NHR)$ CO₂Me] (6,7). Oxidative addition of the coordinated 4-iodo-L-phenylalaninate in (Et₃P)(Cl)M[NH₂C(H)(CH₂C₆H₄I)CO₂] to Pd(dba)₂ was also observed.

vlester to Pd(dba)₂ in the presence of 2,2'-bipyridyl or of triphenylphosphine affords the

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