

Complexes of N-Aryltriphenylphosphinimines with Mercury(II) Halides

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The synthesis, IR and ³¹P NMR spectra of the complexes of various N-aryltriphenylphosphinimines with some mercury dihalides as well as the corresponding phosphonium salts are reported. It is shown by an X-ray crystal structure analysis of the complex of the unsubstituted phosphinimine with HgCl₂ that in the solid state these complexes form dimers via two Hg···μ₂-Cl···Hg bridges.