

Homoleptic Nickel(0) Phenyl Isocyanide Complexes

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The tetrakis(phenyl isocyanide)nickel(0) complexes $[\text{Ni}(\text{CNR})_4]$ ($\text{R} = \text{C}_6\text{H}_5$, **1**; $\text{R} = \text{C}_6\text{H}_3\text{-}2,6\text{-Me}_2$, **2**; $\text{R} = \text{C}_6\text{H}_4\text{-}2\text{-NO}_2$, **3**) have been synthesized from $[\text{Ni}(\text{COD})_2]$ and the corresponding phenyl isocyanides in toluene. Complexes **1** – **3** were characterized by X-ray diffraction. All three complexes contain a nickel atom which is coordinated in a slightly distorted tetrahedral fashion.

Key words: Phenyl Isocyanide Complexes, Nickel(0), Crystal Structures