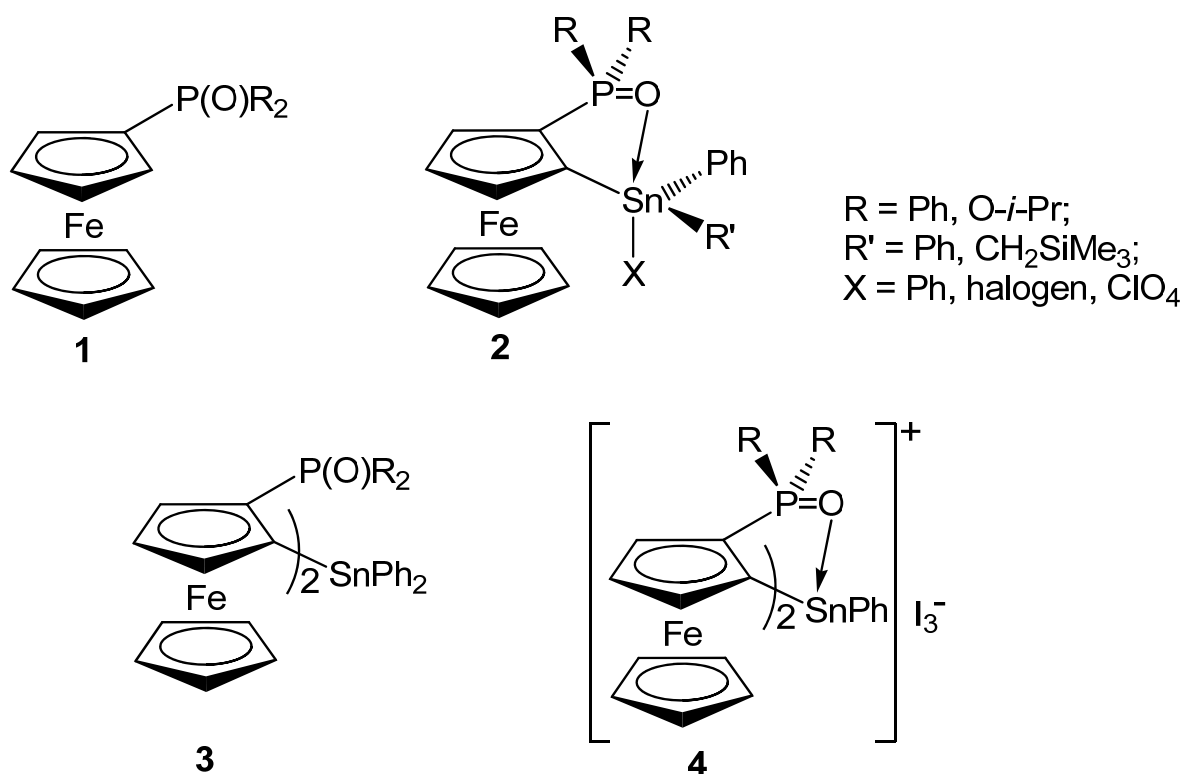


Novel Phosphorus-Containing O,C-Coordinating Ferrocene Ligands and their Organotin Derivatives

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In context with our ongoing interest in phosphorus-containing donor ligands ^[1-3] we report here the synthesis of the ferrocene derivatives **1**. These are easily metallated and employed for the synthesis of the corresponding organotin compounds of types **2** and **3**. Most remarkably, compounds of type **3** react with two molar equivalents iodine to give the intramolecularly coordinated triorganostannylum salts of type **4** rather than the diorganotin diiodides $[\text{FcP}(\text{O})\text{R}_2]_2\text{SnI}_2$. All compounds are characterized by *state of the art* analytical methods.



References:

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