

Synthesis of a Pyrazol-3-ylidene Palladium Complex, Pyrazolium Salts and Mesomeric Betaines of Pyrazole as *N*-Heterocyclic Carbene Precursors

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The synthesis of a pyrazol-3-ylidene palladium complex is described, and results of a single-crystal X-ray diffraction study are presented. The properties of pyrazolium salts as well as of two types of heterocyclic mesomeric betaines, the pseudo-cross-conjugated mesomeric betaine pyrazolium-3-carboxylate and its cross-conjugated analog pyrazolium-4-carboxylate, are compared.

Key words: NHC, Pyrazol-4-ylidene, NHC Complex, Decarboxylation, X-Ray Structure, CCMB, PCCMB