The additions of methanol to the dichloropalladium(II) complex with C-(2-pyridyl)-N-methyl nitrone led to the formation of the Pd(II)-coordinated \( \alpha \)-methoxy-\( \alpha \)-(2-pyridyl)-N,N-dimethylhydroxylamine. It has been demonstrated that the Pd(II) complexation is essential for the stabilization of \( \alpha \)-alkoxyhydroxylamines.

**Key words:** Nitrones, Palladium, \( \alpha \)-Alkoxyhydroxylamine Complexes