

# Oxochlorierung von Übergangsmetall-Komplexen mit Thionylchlorid

Oxochlorination of Transition Metal Complexes with Thionyl Chloride

Carola Stoll, Ingo-Peter Lorenz\*, Heinrich Nöth, Thomas Seifert

Institut für Anorganische Chemie der Ludwig-Maximilians-Universität München,  
Meiserstr. 1, D-80333 München

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The reaction of the transition metal complexes  $\text{CpV}(\text{CO})_4$  and  $[\text{CpMo}(\text{CO})_3]_2$  with thionyl chloride affords the oxodichlorides  $\text{CpM}(\text{O})\text{Cl}_2$  ( $\text{M} = \text{V}, \text{Mo}$ ) by oxidative decarbonylation. The X-ray structure analysis of  $\text{CpV}(\text{O})\text{Cl}_2$  shows the pseudo tetrahedral “piano-stool” configuration for the central vanadium atom.

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