ABSTRACT

TITLE:	Synthesis and Characterization of Chromium (Iii) Complexes of Cis-P-P'-Diphenyl-1,4-Diphospha-Cyclohexane for Linear Alpha Olefin Catalysis
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ABSTRACT: We wish to report the formation of two metal chloride complexes involving chromium(III) metal centers with the novel cis-P,P'-diphenyl-1,4-diphospha-cyclohexane (dpdpc) ligand. The synthesis and characterization of [Cr(dpdpc)Cl2(-Cl)]2 and Cr(dpdpc)Cl3(THF) will be reported. The use of these compounds for linear alpha olefin catalysis will be discussed.