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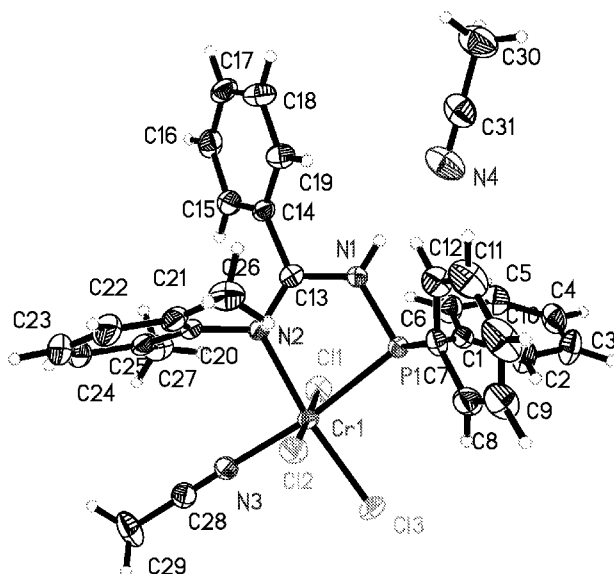
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(54) Title: PHOSPHINYL AMIDINE COMPOUNDS, METAL COMPLEXES, CATALYST SYSTEMS, AND THEIR USE TO
OLIGOMERIZE OR POLYMERIZE OLEFINS



(57) Abstract: N²-phosphinyl amidine compounds, N²-phosphinyl amidinates, N²-phosphinyl amidine metal salt complexes, N²-phosphinyl amidinate metal salt complexes are described. Methods for making N²-phosphinyl amidine compounds, N²-phosphinyl amidinates, N²-phosphinyl amidine metal salt complexes, and N²-phosphinyl amidinate metal salt complexes are also disclosed. Catalyst systems utilizing the N²-phosphinyl amidine metal salt complexes and N²-phosphinyl amidinate metal salt complexes are also disclosed along with the use of the N²-phosphinyl amidine compounds, N²-phosphinyl amidinates, N²-phosphinyl amidine metal salt complexes, and N²-phosphinyl amidinate metal salt complexes for the oligomerization and/or polymerization of olefins.

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