











Analogy to Baseball			
			If a baseball pitcher was a metal, he would be surrounded by 5 ligands.
	Ligand	Ligand	The ligands are, counterclockwise from the bottom, the catcher, 1st baseman, 2nd baseman, shortstop, and 3rd baseman.
Liga	Ind Meta	Ligand	Thus, the pitcher is a pentacoordinate coordination compound.
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Constitutional Isomers



21/68

The following types of constitutional isomers are common in coordination chemistry:

Hydrate isomers, Ionization isomers Coordination isomers, Linkage isomers - Each of these will be discussed in detail. In addition, the ligands themselves can sometimes exist as constitutional isomers, such as butyl and isobutyl.





























































































