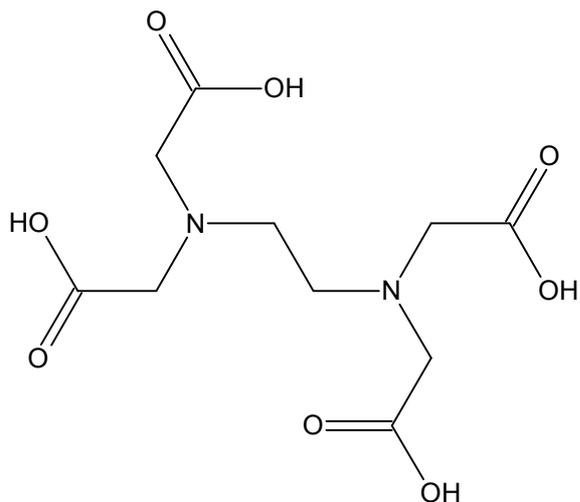


Question:

Coordination compound example with organic ligand and structure.

Answer:

There are a lot of complexes with organic ligands. One of the most predominant types of ligand are nitrogen-containing organic molecules, because nitrogen atom possesses additional pair of electrons and can donate this electrons to central atom of metal. The example of nitrogen-containing ligand can be frequently used in analytical chemistry EDTA, ethylenediaminetetraacetic acid.



Its metal complex salts are used in analysis. Few examples of EDTA coordination compounds with different central atoms:

