In organic chemistry, the word “ligand” is a convenience word, used to mean “atom or group of atom”.

eg. 1:

![Image 1](image1.png)

In 1, the four ligands on the chiral center are an ethyl group, a methyl group, a bromine atom, and a hydrogen atom.

eg. 2:

![Image 2](image2.png)

In 2, the ligands on the carbonyl carbon are a methyl group and a chlorine atom.

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