

The figure displays several chemical structures of lanthanide (Ln) complexes:

- Top Left:** A complex featuring a central Ln atom coordinated by a C-H₃ group, an O atom, and a SW group.
- Top Right:** A complex showing a Ln atom coordinated by a H₃C group, an O atom, and a N-H group.
- Middle Left:** A complex with a Ln atom coordinated by a N-H group and a S atom.
- Middle Right:** A complex with a Ln atom coordinated by a N-H group and a S atom.
- Bottom Left:** A complex with a Ln atom coordinated by a N-H group and a S atom.
- Bottom Right:** A complex with a Ln atom coordinated by a N-H group and a S atom.