

The diagram illustrates a complex lanthanide complex, likely a metal-organic framework or a cluster. The structure features several lanthanide (Ln) ions coordinated by various ligands, including oxygen (O), sulfur (S), and fluorine (F) atoms. The complex is highly interconnected, with multiple Ln-O and Ln-S bonds. The structure is composed of several interconnected clusters and chains, with various atoms labeled with numbers and letters (Ln, O, S, F). The overall structure is highly complex and includes many labeled atoms and bonds.