

The diagram illustrates a complex lanthanide complex. The central part of the structure consists of a chain of lanthanide (Ln) ions. On the left, a nitrogen atom (N) is bonded to a ligand (1) and a lanthanide ion (Ln). This lanthanide ion is part of a larger assembly that includes a series of bridging ligands, represented by a zigzag line of small squares. The chain continues through several more lanthanide ions, some of which are coordinated by additional ligands (2, 3, 4, 5, 6, 7, 8, 9). The chain terminates on the right with a lanthanide ion coordinated to a hydroxyl group (O-H). The overall structure is highly symmetrical and complex, typical of a large-scale molecular model.