

The diagram illustrates a complex coordination polymer structure. It features a central chain of lanthanide (Ln) ions connected by various ligands. The structure includes a fluorine atom (F) at the bottom left, a chlorine atom (Cl) at the top left, a hydrogen atom (H) and a nitrogen atom (N) in the upper middle, a sulfur atom (S) and a carbon atom (C) at the top center, a nitrogen atom (N) with a positive charge and a hydrogen atom (H) in the middle, a carbon atom (C) at the top right, and an oxygen atom (O) at the bottom right. The structure is highly branched and complex, with many Ln ions and various ligands.