

The diagram illustrates a complex macrocyclic ligand system, likely a crown ether derivative, coordinated to a central lanthanide (Ln) complex. The structure features multiple sulfur (S) and nitrogen (N) donor atoms, as well as various functional groups including carboxylates, amides, and sulfonates. The central Ln complex is coordinated by the macrocycle, and the overall structure is labeled with 'Ln' for lanthanide and 'SW' for sulfonate groups. The diagram shows a large, multi-membered ring structure with several side chains and functional groups, all coordinated to the central Ln complex.