

The diagram illustrates a complex molecular assembly featuring a central lanthanide (Ln) core. This core is coordinated by a large, multi-dentate ligand system that includes a macrocyclic ring and several other donor groups. The assembly is further functionalized with various groups, including a methyl group (H₃C), a hydrogen atom (H), a hydroxyl group (OH), and a boron atom (B-r). The structure is highly symmetrical and shows a high degree of coordination around the central Ln core.