

The diagram illustrates a complex, elongated molecular structure, likely a metal-organic framework or a large coordination complex. The structure is composed of numerous metal centers, denoted as  $\text{Ln}$  (where  $\text{Ln}$  represents a lanthanide or actinide ion), interconnected by various ligands. The central part of the structure features a long chain of metal centers linked by nitrogen (N) and oxygen (O) atoms. This chain is flanked by several large, complex clusters of metal centers, some of which are bridged by oxygen atoms. The structure is terminated at several points by carboxylate groups, represented by  $\text{C}=\text{O}$  bonds. The overall geometry is highly complex, with many angles and distances likely defined by the specific ligands and the nature of the metal centers.