

The ORTEP diagram illustrates the polymeric structure of the complex. It features two distinct trinuclear Ln<sub>3</sub> clusters. Each cluster is composed of three Ln atoms in a triangular arrangement, with each Ln atom coordinated by two 1,3-bis(4-fluorophenyl)-1,3,5-triazole ligands. The clusters are linked together by μ<sub>2</sub>-1,3-bis(4-fluorophenyl)-1,3,5-triazole-2,4,6-tricarboxylate ligands, which act as bridging units between the trinuclear units. The diagram shows the repeating unit of the polymer chain, with the fluorophenyl groups and the triazole rings forming a complex network of coordination bonds. The structure is shown in a perspective view, highlighting the three-dimensional arrangement of the atoms and the bridging nature of the ligands.