

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Cif for $[\text{Au}_{12}\text{Cu}_{13}(\text{Ph}_3\text{P})_{10}\text{I}_7](\text{SbF}_6)_2$

File name: Supplementary Data 2

Description: Cif for $[\text{Au}_{25}(\text{Ph}_3\text{P})_{10}\text{Br}_7](\text{SbF}_6)_2$