

Electronic Supplementary Information (ESI) for *PCCP*

Chirality in Au_9 clusters protected by chiral/achiral mixed bidentate phosphine ligands: Influence of the metal core and ligand array

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Average of optical or chiroptical responses calculated for isomer-I and isomer-II of $[\text{Au}_9(\text{S-BDP})_4]^{3+}$ clusters.

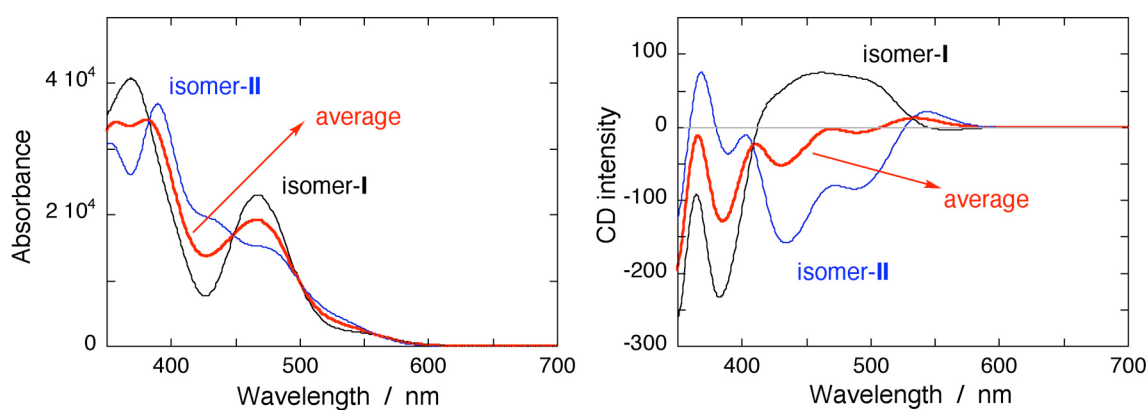


Fig. S1. Left or right figure indicates absorption and CD spectra of isomer-I, isomer-II and their average of $[\text{Au}_9(\text{S-BDP})_4]^{3+}$ clusters, respectively.