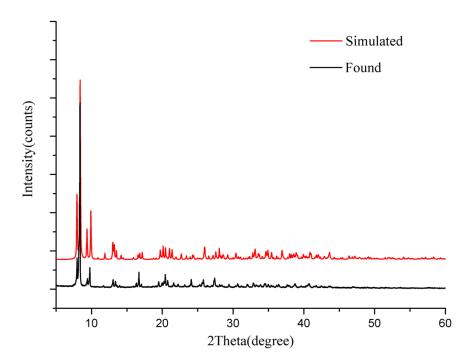
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Supporting Information

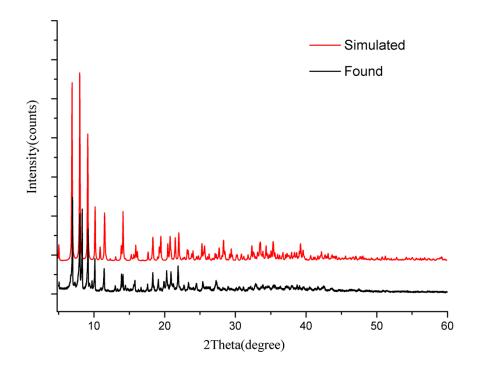
Assembly of Silver Alkynyl Compounds with Various Nuclearities

Yu-Mei Lin*, Zong-Jie Guan, Kuan-Guan Liu, Zhan-Guo Jiang and Quan-Ming Wang*

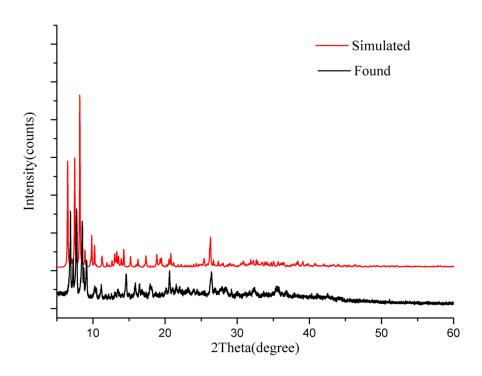
X-ray powder diffractometry studies were performed on a Panalytical X-Pert pro diffractometer with Cu K_{α} radiation.



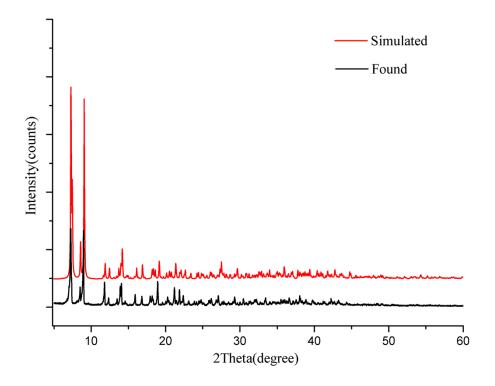
 $[Ag_3(bipy)(C\equiv CBu^t)(CF_3CO_2)_2]_n$ (1)



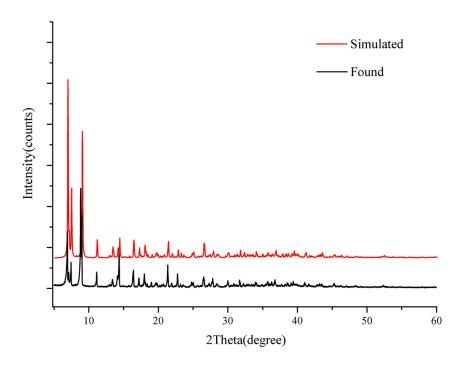
 $[\mathrm{Ag}_4(\mathrm{bipy})_2(\mathrm{C}\equiv\mathrm{CBu}^t)(\mathrm{CF}_3\mathrm{CO}_2)_3]_n\,(\mathbf{2})$



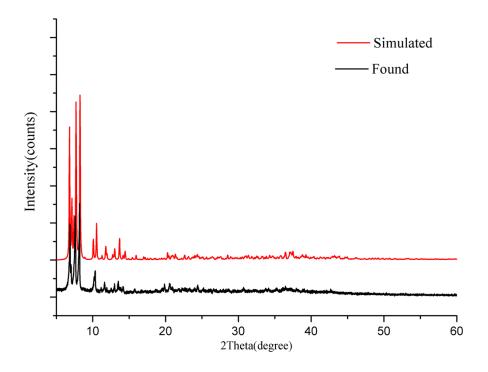
 $[Ag_{6}(phen)_{3}(C\equiv\!CBu^{r})_{2}(C_{2}F_{5}CO_{2})_{4}(MeOH)(EtOH)]~\textbf{(3)}$



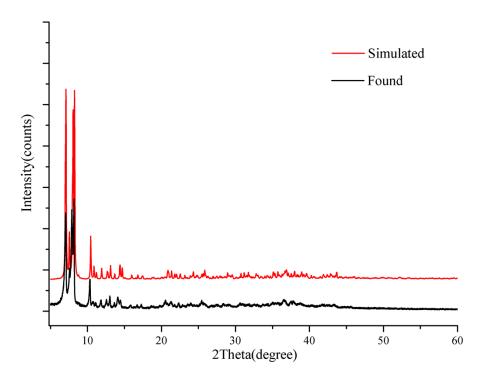
 $[Ag_8(bipy)_4(C \equiv CBu^t)_2(C_2F_5CO_2)_6]$ (4)



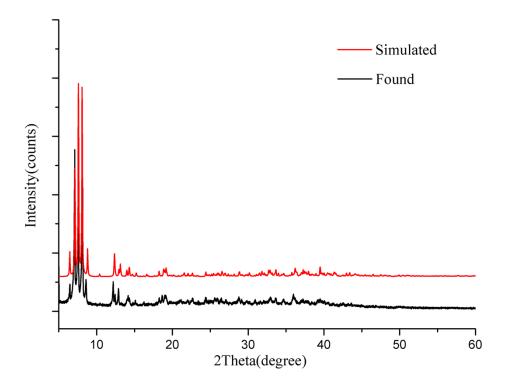
 $[Ag_8(phen)_4(C \equiv CBu^t)_2(C_2F_5CO_2)_6]$ (5)



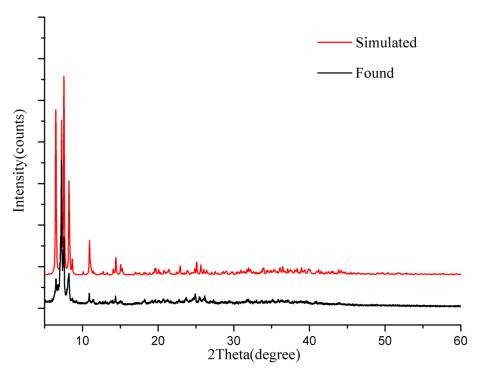
 $[Ag_{10}(dppy)_2(C\equiv CBu^t)_6(CF_3CO_2)_4]$ (6)



 $[Ag_{10}(dppy)_2(C\equiv\!CBu')_6(C_2F_5CO_2)_4]\ (\textbf{7})$



 $[Ag_{12}(bipy)_2(C \equiv CBu^t)_8(C_2F_5CO_2)_4] \ (\textbf{8})$



 $[Ag_{12}(phen)_4(C \equiv CBu^t)_6(CF_3CO_2)_6] \cdot 2EtOH~(\textbf{9})$