

**Fig. S1** Cotton pads impregnated with 0,025mol/l aqueous solutions of the following compounds: (1)  $[\text{Ag}(\text{MTZ})_2\text{NO}_3]$ , (2)  $[\text{Ag}(\text{MTZ})_2\text{ClO}_4]$ , (3)  $[\text{Ag}(\text{MTZ})_2\text{CF}_3\text{COO}]$ , (4)  $[\text{Ag}_2(\text{MTZ})_4(\text{BF}_4)_2]$ , (5)  $[\text{Ag}_2(\text{MTZ})_4(\text{SO}_3\text{CH}_3)_2]$ ; (C1)  $\text{AgNO}_3$ , (C2)  $\text{AgClO}_4$ , (C3)  $\text{AgCF}_3\text{COO}$ , (C4)  $\text{AgBF}_4$ , (C5)  $\text{AgSO}_3\text{CH}_3$ , exposed to indirect light at room temperature.







