**Fig. S1** Cotton pads impregnated with 0.025 mol/l aqueous solutions of the following compounds: (1) [Ag(MTZ)$_2$NO$_3$], (2) [Ag(MTZ)$_2$ClO$_4$], (3) [Ag(MTZ)$_2$CF$_3$COO], (4) [Ag$_2$(MTZ)$_4$(BF$_4$)$_2$], (5) [Ag$_2$(MTZ)$_4$(SO$_3$CH$_3$)$_2$]; (C1) AgNO$_3$, (C2) AgClO$_4$, (C3) AgCF$_3$COO, (C4) AgBF$_4$, (C5) AgSO$_3$CH$_3$, exposed to indirect light at room temperature.
exposition time 12h

exposition time 18h

exposition time 24h
exposition time 36h

exposition time 48h

exposition time 72h
exposition time 100h

exposition time 120h