Supporting Information

Modulation of the mechanism of action of antibacterial silver N-heterocyclic carbene complexes by variation of the halide ligand

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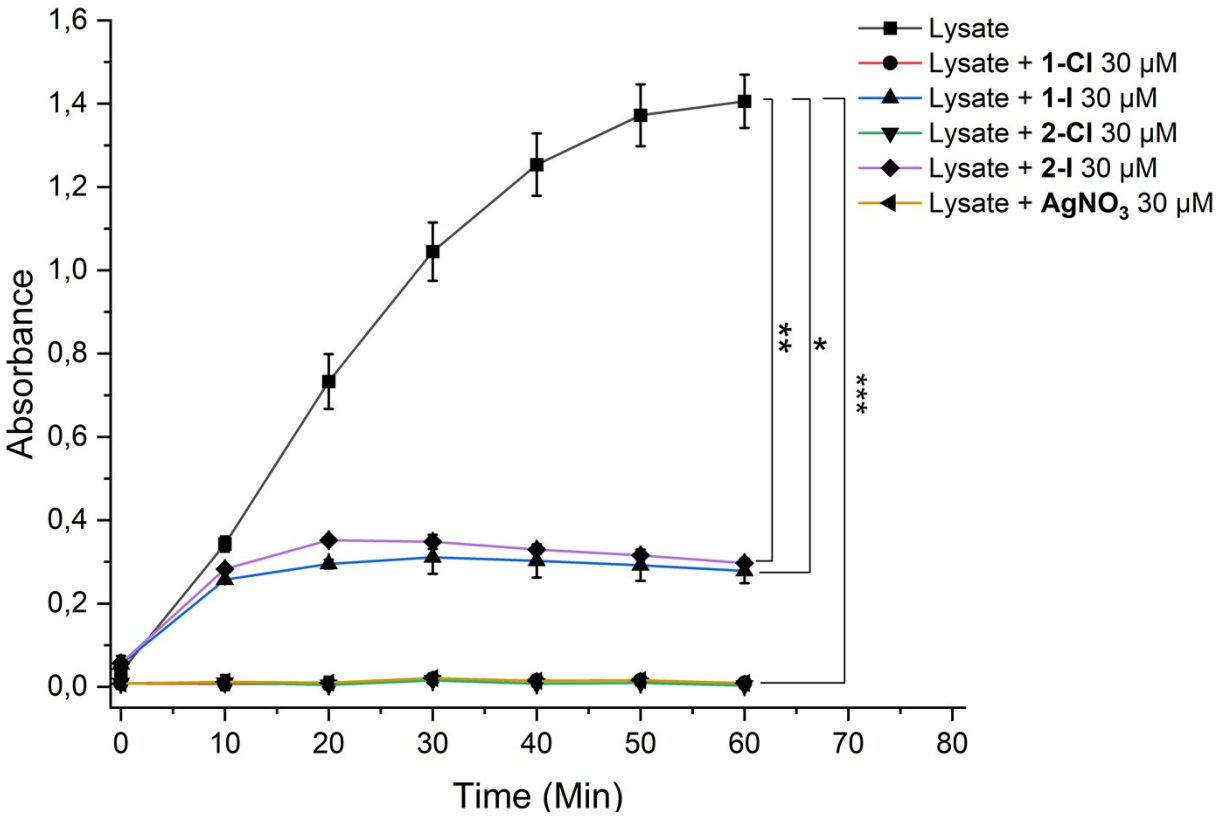

Figure S1. The hydrolysis of ONPG in *E.coli* cell lysate. 200 µl of lysate containing ONPG was mixed with 2 µl of DMSO (Lysate) or 2 µl of 3 mM solutions of chloride (**3a**, **4a**), iodide (**3c**, **4c**) silver NHC complexes or silver nitrate ($AgNO_3$) in DMSO (n = 3). Each sample is compared with cell lysate without treatment by 95% Tukey's HSD test (* = $p < 0.05$, ** = $p < 0.01$, *** = $p < 0.001$)

Table S1. The optimized temperature program for HRCS-AAS quantification of silver amount in *E.coli* cells

Step	Temperature, °C	Heating rate, °C s^{-1}	Hold time, s
Drying	80	6	20
Drying 2	110	5	10
Pyrolysis	350	50	10
Pyrolysis 2	700	300	10
Gas adjustment	700	0	3
Atomization	1600	1500	3
Cleaning	2450	500	4