## **Electronic Supplementary Information**

Zwitterionic dithiocarboxylates derived from N-heterocyclic carbenes: coordination to gold surfaces

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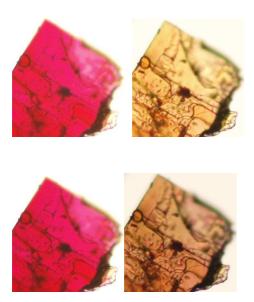
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**Fig. S1** Pleochroitic behaviour of a single-crystal of  $3^+$ –CS $_2^-$  in linearly polarised light. The crystal is turned by  $0^{\circ}$  (top left),  $90^{\circ}$  (top right),  $180^{\circ}$  (bottom left) and  $270^{\circ}$  (bottom right).