

Electronic Supplementary Information

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

Ulrich Siemeling,^{*a,c}
Henry Memczak,^{a,c} Clemens Bruhn,^a Florian Vogel,^{b,c} Frank
Träger,^{b,c} Joe E. Baio^d and Tobias Weidner^d

^a*Institute of Chemistry, University of Kassel, Heinrich-Plett-Str. 40, 34132 Kassel, Germany. E-mail: siemeling@uni-kassel.de*

^b*Institute of Physics, University of Kassel, Heinrich-Plett-Str. 40, 34132 Kassel, Germany*

^c*Center for Interdisciplinary Nanostructure Science and Technology, University of Kassel, Heinrich-Plett-Str. 40, 34132 Kassel, Germany*

^d*National ESCA and Surface Analysis Center for Biomedical Problems (NESAC/BIO), Departments of Bioengineering and Chemical Engineering, University of Washington, Seattle, Washington 98195, USA*

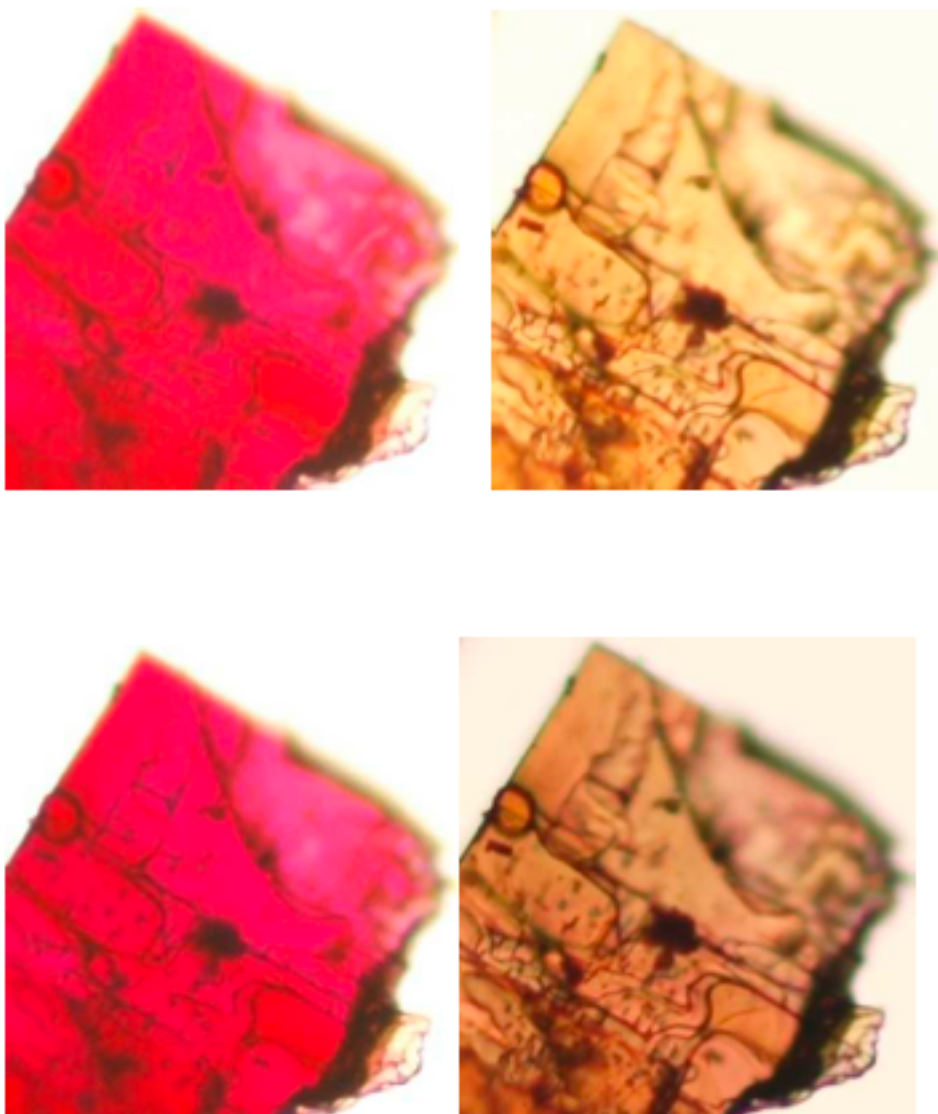


Fig. S1 Pleochroitic behaviour of a single-crystal of **3+-CS2-** in linearly polarised light. The crystal is turned by 0° (top left), 90° (top right), 180° (bottom left) and 270° (bottom right).