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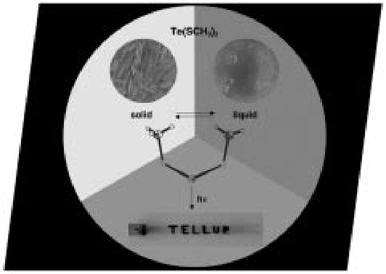
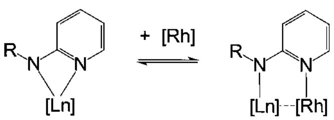
COVER PICTURE

The cover picture shows yellow crystals and red melt of tellurium(II) dimethanethiolate, $Te(SCH_3)_2$, together with its molecular structure in the solid state and the light-induced deposition of elemental tellurium on glass, from a solution of $Te(SCH_3)_2$. In the solid state, $Te(SCH_3)_2$ exhibits a *cis* conformation of the methyl groups with respect to the TeS_2 plane, an unprecedented case for nonfunctionalized organotrichalcogenides. For $Te(SR)_2$ (R = Me, Et, *i*Pr, *t*Bu) Te−S bonding and Te···S intermolecular distances are correlated, as are ^{125}Te NMR chemical shifts and the ionization energies of the corresponding thiols. Results are rationalized in terms of σ- and π-type n_p(S)-σ*(Te−S) orbital interactions. Details are presented in the article by H. Fleischer et al. on p. 815 ff.



MICROREVIEW



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