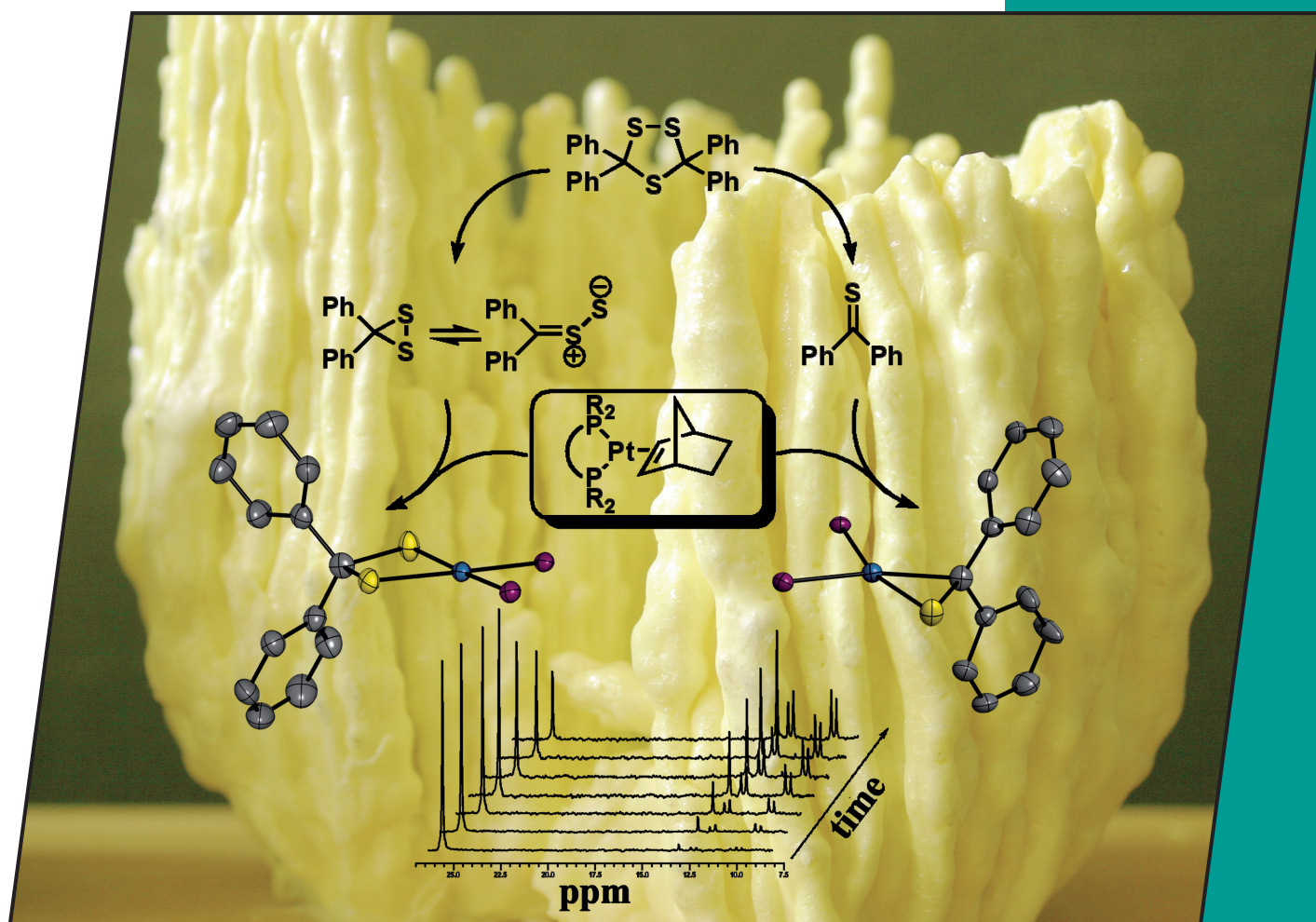


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Inorganic Chemistry

**Cover Picture**

Wolfgang Weigand et al.

Reaction of 3,3,5,5-Tetraphenyl-1,2,4-trithiolane with Pt<sup>0</sup> Complexes**Microreview**

Isabelle Leray and Bernard Valeur

Calixarene-Based Fluorescent Molecular Sensors for Toxic Metals

A Journal of



www.eurjic.org



A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

## COVER PICTURE

The cover picture shows the mechanism of the treatment of (bisphosphane)platinum(0) complex fragments bearing various bridged bisphosphane ligands with the 3,3,5,5-tetraphenyl-1,2,4-trithiolane. As a result of these reactions dithiolato complexes and the appropriate  $\eta^2$ -thioketone complexes could be isolated. This, as well as the determined first-order reaction kinetics in the trithiolane, approves the depicted mechanism starting with its decomposition into thioketone and thiosulfine, which is in equilibrium with the corresponding tautomeric dithiirane. The background shows sublimed sulfur (photo by Thomas Weisheit) referring to the investigated sulfur-rich heterocycle. Details are discussed in the article by W. Weigand et al. on p. 3545ff.

