

## A novel dianionic seven-coordinate complex of tungsten(II), $[WCl_3(GeCl_3)(CO)_3]^{2-}$ : synthesis, spectroscopic properties and X-ray crystal structure.

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### Streszczenie

A new dianionic complex of tungsten(II),  $[(WCl_3(GeCl_3)(CO)_3]^{2-}$  (**1**<sup>2-</sup>), containing the piperidinium cations  $[Hpip]^+$  as the counter ions, has been obtained from the reaction between  $[W(CO)_4(pip)_2]$  and  $GeCl_4$  in dichloromethane solution, and its molecular structure has been elucidated by single-crystal X-ray diffraction studies. The chemical properties of complex **1** were investigated by IR and NMR spectroscopy in solution.

### Adres publiczny

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### Strona internetowa wydawcy

<http://www.elsevier.com>