



Redetermination of tetraphenylarsonium *trans*-aquatetrachlorooxorhenate(V) at 100 K.

Autorzy

Miłosz Siczek

Tadeusz Lis

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Streszczenie

The crystal structure of the title compound, (C₂₄H₂₀OAs)[ReCl₄O(H₂O)], has been re-examined at 100 K. The complex contains distorted octahedral [ReOCl₄(H₂O)](-) anions, with the Re atom and disordered aqua ligand located on a fourfold axis, and [Ph₄As](+) cations with the As atom located on a fourfold inversion axis. In the anion, the terminal Re=O bond, 1.662 (2) angstrom S, is trans to the aqua ligand and the Re (OH₂) and Re-Cl distances are 2.325 (3) and 2.3479 (5) angstrom S, respectively.

Adres publiczny

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