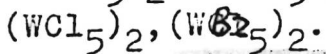
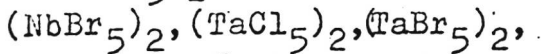
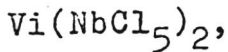


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122: 299471p Molecular structure of dibromodioxotungsten by gas electron diffraction. Haaland, Arne; Martinsen, Kjell-Gunnar; Shlykov, Sergei A.; Titov, Valentin A. (Department of Chemistry, University of Oslo, Box 1033 Blindern, N-0315 Oslo, Norway). *J. Mol. Struct.* 1995, 346, 71-3 (Eng). The mol. structure of WO₂Br₂ was studied by gas electron diffraction. The results were compared with those from a parallel investigation by G. V. Girichev et al. The agreement is good.

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124: 98230b Electron-diffraction study of saturated vapor of tungsten dioxybromide. Giricheva, N. I.; Girichev, G. V.; Petrov, V. M.; Petrova, V. N.; Titov, V. A. (Ivanov. Gos. Univ., Russia). *Izv. Vyssh. Uchebn. Zaved., Khim. Khim. Tekhnol.* 1995, 38(1-2), 93-7 (Russ). The mol. structure of WO₂Br₂ was studied by electron diffraction. The mol. has C_{2v} symmetry, $r_s(W=O) = 1.710(6) \text{ \AA}$, $r_s(W-Br) = 2.398(5) \text{ \AA}$, $r_s(O-O) = 2.815(30) \text{ \AA}$, $r_s(Br-Br) = 4.021(19) \text{ \AA}$, $r_s(O-Br) = 3.347(10) \text{ \AA}$. The valence angles $\angle OWO$ and $\angle BrWBr$ in WO₂Br₂ are close to tetrahedral, $\angle OWO = 111(4)^\circ$ and $\angle BrWBr = 114(2)^\circ$.

Ж. гурзпп.
и еснр. смпп

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