

**200**      **F<sub>6</sub>Ir**  
ED, *ab initio* and  
DFT calculations

**Iridium hexafluoride**  
Iridium(VI) fluoride

**O<sub>h</sub>** (see comment)  
IrF<sub>6</sub>

$r_g$	Å <sup>a)</sup>
Ir–F	1.839(2)

The effect of three-atom multiple scattering was taken into account. Although the experimental data neither confirmed nor refuted the existence of the Jahn-Teller effect, they ensured that if present the distortion from O<sub>h</sub> symmetry must be small.  
The nozzle temperature was 23 °C.

<sup>a)</sup> Twice the estimated standard error.

Richardson, A.D., Hedberg, K., Lucier, G.M.: Inorg. Chem. **39** (2000) 2787.

Replaces [II/25A\(2, 611\)](#)