

691 IR	C₆CrO₆Xe	Chromiumhexacarbonyl – xenon (1/1) (weakly bound complex)	C_{3v} assumed (effective symmetry class) (large-amplitude motion) Cr(CO) ₆ · Xe
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r_0	Å ^{a)}
Cr...Xe	4.798(7)

The experimental rovibrational spectra could be rationalized by assuming a structure in which the rare gas atom lodges amongst three different carbonyl groups on a C₃ axis of the hexacarbonyl monomer subunit. Its geometry was assumed to be unchanged upon complexation.

^{a)} Estimated standard error.

Hansford, G.M., Davies, P.B.: J. Chem. Phys. **104** (1996) 8292.

