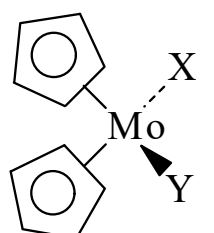




>>Entry Name: Dichlorobis( $\eta^5$ -2,4-cyclopentadien-1-yl)molybdenum, 12Cl, 9Cl



X = Y = Cl

**CAS Registry Number:** 12184-22-4

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>Cl<sub>2</sub>Mo

**Molecular Weight:** 297.034

**Accurate Mass:** 297.92136

**Percentage Composition:** C 40.44%; H 3.39%; Cl 23.87%; Mo 32.30%

**Source/Synthesis:** Synth. from MoCp<sub>2</sub>H<sub>2</sub> + Cl<sub>2</sub> or CHCl<sub>3</sub> or FeCl<sub>3</sub>

**Use/Importance:** Shows antiviral activity

**Physical Description:** Green cryst.

**Other Data:** Dec. at 270°

**Aldrich:** 25644-7

#### References:

*Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **2**, 1155B, (*ir*)

Cooper, R.L. *et al.*, *J.C.S.(A)*, 1967, 1155, (*synth, ir, nmr, uv, epr*)

Prout, K. *et al.*, *Acta Cryst. B*, 1974, **30**, 2290, (*cryst struct*)

Calhorda, M.J. *et al.*, *J. Organomet. Chem.*, 1986, **307**, 167, (*thermochem*)

Tarasov, A.B. *et al.*, *Koord. Khim.*, 1990, **16**, 85, (*synth*)

*Inorg. Synth.*, 1992, **29**, 208, (*synth*)