



>>Entry Name: [(1,2,5,6-η)-1,5-Cyclooctadiene]dimethylplatinum, 9Cl

Synonym(s): Dimethyl(1,5-cyclooctadiene)platinum

CAS Registry Number: 12266-92-1

As Dibromo[(1,2,5,6-η)-1,5-cyclooctadiene]platinum, [GLX79-Z](#) with
X = Y = Me

Molecular Formula: C₁₀H₁₈Pt

Molecular Weight: 333.332

Accurate Mass: 333.105616

Percentage Composition: C 36.03%; H 5.44%; Pt 58.52%

Source/Synthesis: Synth. from PtI₂(cod) and MeLi or MeMgI

Physical Description: Cryst. (CH₂Cl₂)

Melting Point: Mp 94-95°

Solubility: Sol. org. solvs.

Other Data: Cod readily replaced by other ligands

Aldrich: 40904-9

References:

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Kennedy, J.D. *et al.*, *J.C.S. Dalton*, 1976, 874, (*Pt-195 nmr*)
Bassan, R. *et al.*, *Inorg. Chim. Acta*, 1986, **121**, L41, (*synth, pmr*)
Yang, D.-S. *et al.*, *Inorg. Chem.*, 1989, **28**, 2; 1990, **29**, 4956, (*pe*)
Saleem, A.M. *et al.*, *Inorg. Chim. Acta*, 1990, **174**, 223, (*props*)
Lee, T.R. *et al.*, *J.A.C.S.*, 1991, **113**, 2576, (*use*)
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