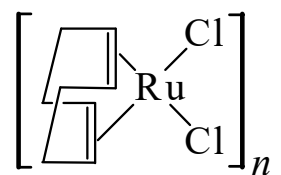




>>Entry Name: Dichloro[(1,2,5,6-η)-1,5-cyclooctadiene]ruthenium



CAS Registry Number: 50982-13-3

Molecular Formula: C₈H₁₂Cl₂Ru

Molecular Weight: 280.158

Accurate Mass: 279.935952

Percentage Composition: C 34.30%; H 4.32%; Cl 25.31%; Ru 36.08%

General Statement: Polymeric

Use/Importance: Used to make chiral catalysts

Physical Description: Light brown solid

Solubility: Almost insol. org. solvs.

Other Data: Dec. >200°

Aldrich: 33733-1

Fluka: 84035

References:

- Bennett, M.A. *et al.*, *Chem. Ind. (London)*, 1959, 1516, (*synth*)
Schrock, R.R. *et al.*, *J.A.C.S.*, 1973, **95**, 4102, (*props*)
Potvin, C. *et al.*, *Bull. Soc. Chim. Fr.*, 1974, 783, (*props*)
Ashworth, T.V. *et al.*, *J. Organomet. Chem.*, 1974, **77**, C31, (*props*)
Kawano, H. *et al.*, *J.C.S. Perkin I*, 1989, 1571, (*use*)