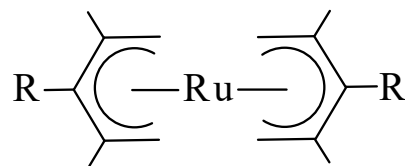




>>Entry Name: Bis[(1,2,3,4,5-η)-2,4-dimethyl-2,4-pentadien-1-yl]ruthenium, 11Cl

Synonym(s): Open ruthenocene



R = H

CAS Registry Number: 85908-78-7

Molecular Formula: C₁₄H₂₂Ru

Molecular Weight: 291.398

Accurate Mass: 292.076498

Percentage Composition: C 57.71%; H 7.61%; Ru 34.68%

Source/Synthesis: Synth. from RuCl₃, 2,4-dimethyl-1,3-pentadiene and Zn dust/EtOH

Physical Description: Yellow air-stable cryst. (pentane)

Boiling Point: Subl._{0.0001} 80°

References:

Stahl, L. *et al.*, *Organometallics*, 1983, **2**, 1229, (*synth, ir, pmr, cmr, ms*)

Organomet. Synth., 1986, **3**, 136, (*synth, pmr, cmr*)

Stahl, L. *et al.*, *J. Organomet. Chem.*, 1987, **326**, 257, (*pe*)

Synthetic Methods of Organometallic and Inorganic Chemistry, (ed. Hermann, W.A.), Thieme, 2000, **9**, 45-46, (*synth, pmr, cmr*)