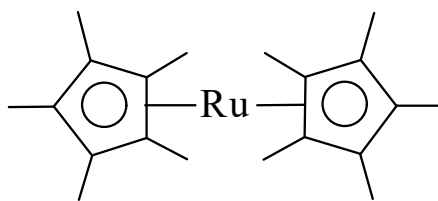




>>Entry Name: Decamethylruthenocene, 11Cl



CAS Registry Number: 84821-53-4

Molecular Formula: $C_{20}H_{30}Ru$

Molecular Weight: 371.527

Accurate Mass: 372.139098

Percentage Composition: C 64.66%; H 8.14%; Ru 27.20%

Source/Synthesis: Synth. from $RuCl_3 + C_5Me_5H$ or from $[(cod)RuCl_2]_x + Bu_3SnC_5Me_5$

Physical Description: Air-stable white needles (hexane) or colourless needles (Me_2CO)

Melting Point: Mp 309-311°

Aldrich: 44206-2

References:

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Kriendlin, A.Z. *et al.*, *J. Organomet. Chem.*, 1987, **319**, 229, (*synth*)

Cloke, F.G.N. *et al.*, *J. Organomet. Chem.*, 1989, **372**, 231, (*ms*)

Hashidzume, K. *et al.*, *Organometallics*, 1995, **14**, 1187, (*synth, pmr, ms*)

Synthetic Methods of Organometallic and Inorganic Chemistry, (ed. Hermann, W.A.), Thieme, 1996, **1**, 139-140, (*synth, ir*)

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