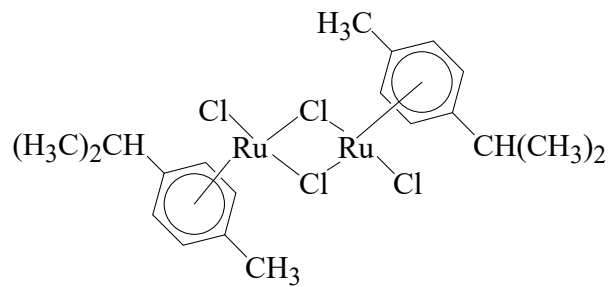




>>Entry Name: Di- μ -chlorodichlorobis[(1,2,3,4,5,6- η)-1-methyl-4-(1-methylethyl)benzene]diruthenium, 9Cl

Synonym(s): Tetrachlorobis(η^6 -1-isopropyl-4-methylbenzene)diruthenium



CAS Registry Number: 52462-29-0

Extra CAS Registry Numbers(s): 128706-72-9

Molecular Formula: $C_{20}H_{28}Cl_4Ru$

Molecular Weight: 511.322

Accurate Mass: 509.998856

Percentage Composition: C 46.98%; H 5.52%; Cl 27.73%; Ru 19.77%

Source/Synthesis: Synth. from $RuCl_3 \cdot 3H_2O$ + 5-isopropyl-2-methyl-1,3-cyclohexadiene in refluxing EtOH

Physical Description: Red-brown microcryst.

Melting Point: Mp 209-230°

References:

Bennett, M.A. *et al.*, *J.C.S. Dalton*, 1974, 233-241, (*synth, ir, pmr*)

Inorg. Synth., 1982, **21**, 74-78, (*synth, ir, pmr*)