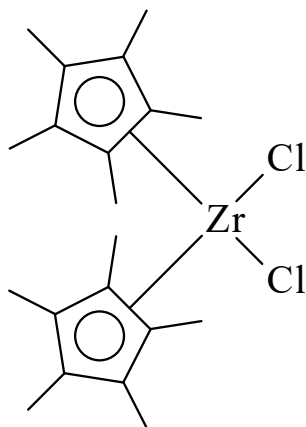




>>Entry Name: Dichlorobis[(1,2,3,4,5- η)-1,2,3,4,5-pentamethyl-2,4-cyclopentadien-1-yl]zirconium, 11Cl



CAS Registry Number: 54039-38-2

Molecular Formula: $C_{20}H_{30}Cl_2Zr$

Molecular Weight: 432.586

Accurate Mass: 430.077157

Percentage Composition: C 55.53%; H 6.99%; Cl 16.39%; Zr 21.09%

Source/Synthesis: Synth. from C_5Me_5H and BuLi, followed by $ZrCl_4$

Use/Importance: Commercially available. With methylalumoxane, catalyst for alkene polym.

Physical Description: Pale yellow cryst.

Aldrich: 42213-4

Fluka: 15141

References:

Manriquez, J.M. *et al.*, *J.A.C.S.*, 1978, **100**, 3078, (*synth, pmr*)

Benn, R. *et al.*, *J. Organomet. Chem.*, 1984, **273**, C51, (*Zr-91 nmr*)

Resconi, L. *et al.*, *J.A.C.S.*, 1992, **114**, 1025, (*use, polym*)