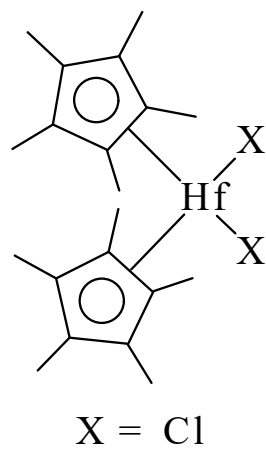




>>Entry Name: Dichlorobis[(1,2,3,4,5-η)-1,2,3,4,5-pentamethyl-2,4-cyclopentadien-1-yl]hafnium, 11Cl



CAS Registry Number: 85959-83-7

Molecular Formula: C₂₀H₃₀Cl₂Hf

Molecular Weight: 519.852

Accurate Mass: 520.118999

Percentage Composition: C 46.21%; H 5.82%; Cl 13.64%; Hf 34.33%

Source/Synthesis: Synth. from C₅Me₅H and BuLi, followed by HfCl₄

Use/Importance: Catalyst for alkene polym.

Physical Description: Air-stable off-white cryst. (CCl₄)

Solubility: Sol. CCl₄, toluene

Aldrich: 40342-3

References:

Roddick, D.M. *et al.*, *Organometallics*, 1985, **4**, 97, (*synth, pmr*)

Beckhaus, R. *et al.*, *J. Organomet. Chem.*, 1989, **369**, 43, (*reactions*)

Gassman, P.G. *et al.*, *Organometallics*, 1991, **10**, 1592, (*pe*)

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