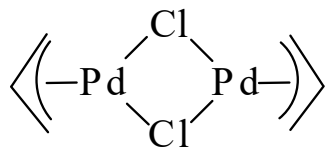




>>Entry Name: Di-μ-chlorobis(η³-2-propenyl)dipalladium, 10Cl, 9Cl

Synonym(s): Di-π-allyldi-μ-chlorodipalladium, 8Cl. Bis(allylchloropalladium)



CAS Registry Number: 12012-95-2

Molecular Formula: C₆H₁₀Cl₂Pd₂

Molecular Weight: 365.89

Accurate Mass: 363.82291

Percentage Composition: C 19.70%; H 2.75%; Cl 19.38%; Pd 58.17%

Source/Synthesis: Synth. from Na₂PdCl₄ and allyl chloride in presence of CO and H₂O, or from K₂PdCl₄ and allyl chloride in H₂O, or from PdCl₂(NCMe)₂ and Me₃Si(allyl)

Use/Importance: Hydrosilylation catalyst. Catalyses formn. of RAr or R(allyl) from RSnMe₃ and ArI or (allyl)Br. Versatile synthetic reagent

Physical Description: Pale yellow cryst. (C₆H₆)

Melting Point: Mp 160°

Solubility: Sol. C₆H₆, CHCl₃, Me₂CO, MeOH

Aldrich: 22238-0

Fluka: 6050

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