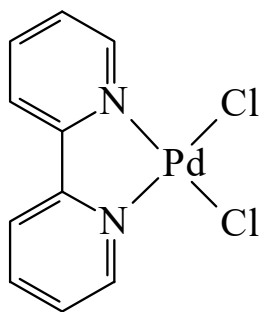




>>Entry Name: (2,2'-Bipyridine-*N,N'*)dichloropalladium(II), 9Cl

Synonym(s): (2,2'-Bipyridyl)dichloropalladium(II)



CAS Registry Number: 14871-92-2

Molecular Formula: C₁₀H₈Cl₂N₂Pd

Molecular Weight: 333.512

Accurate Mass: 331.90993

Percentage Composition: C 36.01%; H 2.42%; Cl 21.26%; N 8.40%; Pd 31.91%

General Statement: Square planar. Isomorphous with yellow form of (2,2'-Bipyridine-*N,N'*)dichloroplatinum [JCR73-L](#) and has Pd...Pd 458.7 pm

Source/Synthesis: Synth. from K₂PdCl₄ and bipy with heating

Physical Description: Yellow cryst. (dil. HCl)

Solubility: Insol. cold H₂O; mod. sol. hot H₂O; sol. DMF, DMSO

Aldrich: 36594-7

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 764C, (*nmr*)

Inorg. Synth., 1971, **13**, 216

Norbury, A.H. *et al.*, *J. Inorg. Nucl. Chem.*, 1973, **35**, 1211, (*ir*)

Gidney, P.M. *et al.*, *J.C.S. Dalton*, 1973, 185, (*uv*)

Canty, A.J. *et al.*, *Aust. J. Chem.*, 1992, **45**, 417, (*cryst struct*)