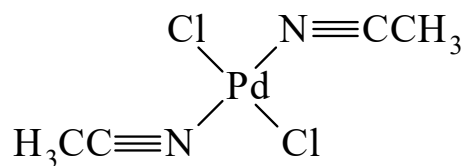




>>Entry Name: Bis(acetonitrile)dichloropalladium(II)



CAS Registry Number: 14592-56-4

Related CAS Registry Numbers(s): 90243-59-7

Molecular Formula: C₄H₆Cl₂N₂Pd

Molecular Weight: 259.43

Accurate Mass: 257.89428

Percentage Composition: C 18.52%; H 2.33%; Cl 27.33%; N 10.80%; Pd 41.02%

Aldrich: 44631-9

Fluka: 76055

>>**Variant:** *trans*-form

CAS Registry Number: 21264-30-2

Molecular Formula: C₄H₆Cl₂N₂Pd

Molecular Weight: 259.43

Accurate Mass: 257.89428

Percentage Composition: C 18.52%; H 2.33%; Cl 27.33%; N 10.80%; Pd 41.02%

Use/Importance: Widely used as a catalyst in org. synth.

Physical Description: Yellow precipitate

Melting Point: Mp 300°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 1237D, (*ir*)

Walton, R.A., *Spectrochim. Acta*, 1965, **21**, 1795, (*ir*)

Walton, R.A., *Can. J. Chem.*, 1968, **46**, 2347, (*ir, Raman*)

Wayland, B.B. *et al.*, *Inorg. Chem.*, 1969, **8**, 971, (*synth*)

Andrews, M.A. *et al.*, *J.A.C.S.*, 1984, **106**, 5913, (*synth*)