# Technical Data Sheet

## Dichloro(1,5-cyclooctadiene)palladium(II)

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|---|---|
| **CAS No.** | 12107-56-4 |
| **Formula** | $Pd(Cod)Cl_2$ |
| **Molar Mass (gm/mol)** | 285.51 |
| **Grade** | RM HC 1111 |
| **Appearance** | Yellow to orange powder |
| **Metal Content** | 36.5 % to 37.5% |
| **Melting Point (°C)** | 210°C |

### Storage Condition

- Store in a tightly closed container at ambient temperature.

### Application

- used as an active catalyst for Suzuki cross-coupling of aryl bromides, Mizoroki-Heck reactions (including coupling of nonactivated vinyl phosphates with electron-deficient alkenes) and Heck coupling of alkynes with alkenes, Synthesis Precursor, Alkene Functionalization.