Technical Data Sheet

[1,1'-Bis(diphenylphosphino)ferrocene dichloropalladium

CAS No.	72287-26-4
Formula	$Pd(dppf)Cl_2$
Molar Mass (gm/mol)	731.7
Grade	RM HC 115
Appearance	red to dark red amorphos powder
Metal Content	13.45%-15.54%
Melting Point (°C)	266-283°C

Storage Condition

- Store in a tightly closed container at ambient temperature.

Application

- Cross-coupling of sec-alkyl and n-alkyl Grignard reagents with high yield and selectivity.
- Suzuki coupling of aryl boronic esters with methyl iodide to form functionalized toluene derivatives.Kumada cross-coupling of 1,3,5-tribromobenzene with Grignard reagents to form star-shaped oligothiophenes.