

Technical data sheet

Palladium

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

Formula	Pd(dppf)Cl_2
CAS No.	72287-26-4
Grade	RM HC 115
Description	Red to dark red amorphous powder
Metal content	13.45%-15.54%
Molar Mass (g/Mol)	731.7
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.