**Product Data Sheet**

**(5N) 99.999% Bis[1,2-bis(diphenylphosphino)ethane]palladium(0)**

**Product Code:** PD-OMX-05

**Formula:** \([\text{C}_6\text{H}_5\text{PCH}_2\text{CH}_2\text{P(C}_6\text{H}_5\text{)}_2]_2\text{Pd}\)

**CAS No.:** 31277-98-2

**EC No.:** N/A

**MDL:** MFCD00009880

**Chemical Identifiers**

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<th>Linear Formula</th>
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**IUPAC Name:** 2-diphenylphosphanyl(ethyl)diphenylphosphane; palladium

**SMILES**

\[\text{C1=CC=C(C=C1)(P(CC(P(C2=CC=C(C=C2)C3=CC=CC=C3)C4=CC=CC=C4)C1=CC=C(C=C1)(P(C(C1=C=C(C=C1)C2=CC=CC=C2)C3=CC=CC=C3)C4=CC=CC=C4)Pd)}\]

**InChI Identifier**

InChI=1S/2C26H24P2.Pd/c2*1-5-13-23(14-6-1)27(24-15-7-2-8-16-24)21-22-28(25-17-9-3-10-18-25)26-19-11-4-12-20-26;h2*1-20H,21-22H2;

**InChI Key**

FAFGMAGIYHHRKN-UHFFFAOYSA-N

**Total Metal Impurities:** 0.001% max.

**Packaging Specifications**

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.

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