Product Data Sheet

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

Product Code: PD-OMX-05

Formula: \([(C_6H_5)_2PCH_2CH_2P(C_6H_5)_2]_2\text{Pd}\)
CAS No.: 31277-98-2
EC No.: N/A
MDL: MFCD00009880

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>([(C_6H_5)_2PCH_2CH_2P(C_6H_5)_2]_2\text{Pd})</td>
<td>MFCD00009880</td>
</tr>
</tbody>
</table>

Beilstein Registry No.:
Pubchem CID: 2724231

IUPAC Name: 2-diphenylphosphanylthethyl(diphenyl)phosphate; palladium
SMILES: C1=CC=C(C=C1)P(CCP(C2=C3=C4=C3)C=C=C=C2)C=C=C=C(C=C1)P(CCP(C2=C3=C4=C3)C=C=C=C2)C=C=C=C(C=C1)P(CCP(C2=C3=C4=C3)C=C=C=C2)C=C=C=C(C=C1)P(CCP(C2=C3=C4=C3)C=C=C=C2)
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.