Product Data Sheet

(3N) 99.9% Dichloro-1,2-bis(diphenylphosphino)ethanepalladium(II)

Product Code: PD-OM11-03

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

CAS No.: 19978-61-1

EC No.: N/A

MDL: MFCD00015702

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{PdCl}_2[(\text{C}_6\text{H}_5)_2\text{PCH}_2\text{CH}_2\text{P}((\text{C}_6\text{H}_5)_2)\text{]} )</td>
<td>MFCD00015702</td>
</tr>
</tbody>
</table>

EC No. | N/A

Beilstein Registry No. | N/A

Pubchem CID | 6392655

IUPAC Name | dichloropalladium. 2-diphenylphosphaniumylethyl(diphenyl)phosphanium

SMILES | \( \text{C}1=\text{CC}=(\text{C}=(\text{C}1)[\text{PH}+](\text{CC}[\text{PH}+](\text{C}2=\text{CC}=\text{CC}=\text{C}2)\text{C}3=\text{CC}=\text{CC}=\text{C}3)\text{C}4=\text{CC}=\text{CC}=\text{C}4.\text{Cl}[\text{Pd}]\text{Cl} \)

InchI Identifier | InChI=1S/C26H24P2.2ClH.Pd/c1-5-13-23(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;;h1-20H,21-2H2,2H1;\text{q};\text{+2}

InchI Key | LDJXFZUGZASGIV-UHFFFAOYSA-N

Total Metal Impurities: 0.1% 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 74-4 are supplied with every shipment.