Product Data Sheet

(5N) 99.999% (Acetonitrile)trichlorobis(triphenylphosphate)rhenium(III)

Product Code: RE-OMX-05.375

Formula: \([(C_6H_5)₃P]₂Re(CH_3CN)Cl₃\]
CAS No.: 34387-57-0
EC No.: N/A
MDL: MFCD01863511

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>([(C_6H_5)₃P]₂Re(CH_3CN)Cl₃]</td>
<td>MFCD01863511</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EC No.</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>15844585</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>acetonitrile; trichlororhenium; triphenylphosphane</td>
</tr>
<tr>
<td>SMILES</td>
<td>CC#N.C1=CC–C(C=C1)P(C2=CC=CC=C2)C3=CC=CC=C3.C1=CC–C(C=C1)P(C2=CC=CC=C2)C3=CC=CC=C3.Cl<a href="Cl">Re</a>Cl</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/2C18H15P.C2H3N.3ClH.Re/c2<em>1-4-10-16(11-5-1)19(17-12-6-2-7-13-17)18-14-8-3-9-15-18;1-2-3;::;/h2</em>1-15H;1H3;3*1H;/q;;;;+3/p-3</td>
</tr>
<tr>
<td>InChI Key</td>
<td>SEHZOVVCPGBXNW-UHFFFAOYSA-K</td>
</tr>
</tbody>
</table>

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.