Product Data Sheet

(5N) 99.999% Cis-Bis-(2,2'-bipyridine)dichlororuthenium(II) Dihydrate

Product Code: RU-OMX8-05

Formula: RuCl₂(C₁H₈N₂)₂·2H₂O
CAS No.: 15746-57-3
EC No.: N/A
MDL: MFCD00015504

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>RuCl₂(C₁H₈N₂)₂·2H₂O</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00015504</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>2734543</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>dichlororuthenium; 2-pyridin-2-ylpyridine; dihydrate</td>
</tr>
<tr>
<td>SMILES</td>
<td>C₁CC=NC(=C₁)C₂=CC=CC=N₂.C₁=CC=NC(=C₁)C₂=CC=CC=N₂.O.O.Cl[Ru]Cl</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/2C10H8N2.2ClH.2H2O.Ru/c2<em>1-3-7-11-9(5-1)10-6-2-4-8-12-10-;--;h2</em>1-8H;2<em>1H;2</em>1H2;/q;+2/p-2</td>
</tr>
<tr>
<td>InChI Key</td>
<td>NHKTUSUPCAKVHT-UHFFFAOYSA-L</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.