Product Data Sheet

(3N) 99.9% Bis(2,2'-bipyridine)-4,4'-dicarboxybipyridine-ruthenium di(N-succinimidyl ester) bis(hexamfluorophosphate)

Product Code: RU-OMX-03

Formula: C_{40}H_{30}F_{12}N_{8}O_{8}P_{2}Ru

CAS No.: 160525-49-5
EC No.: N/A
MDL: MFCD02683416

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>MDL Number</th>
<th>Beilstein Registry No.</th>
<th>PubChem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>C_{40}H_{30}F_{12}N_{8}O_{8}P_{2}Ru</td>
<td>160525-49-5</td>
<td>N/A</td>
<td>MFCD02683416</td>
<td>N/A</td>
<td>16218821</td>
<td>(2,5-dioxopyrrolidin-1-yl)2-[4-(2,5-dioxopyrrolidin-1-yl)oxycarbonylpyridin-2-yl]pyridine-4-carboxylate; 2-pyridin-2-ylpyridine; ruthenium(2+); dihexafluorophosphate</td>
<td>[Ru+2].O=C4N(OC(=O)c3ccnc(c2nccc(C(=O)ON1C(=O)CCC1=O)c2)c3)C(=O)CC4.F<a href="F">P-</a>(F)(F)(F)F.F<a href="F">P-</a>(F)(F)(F)F.n1ccccc1c2ncccc2.n1ccccc1c2ncccc2</td>
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</tbody>
</table>

InchI Identifier: InChI=1S/C_{20}H_{14}N_{4}O_{8}.2C_{10}H_{8}N_{2}.2F_{6}P.Ru/c25-15-1-2-16(26)23(15)31-19(29)11-5-7-21-13(9-11)14-10-12(6-8-22-14(22)30(32)-24-17)-23-4-18(24)32(30)-3-7-11-6(5-1)10-6-3-8-10-12-10.2.1-7.2.3.4.5.6;9-5-10;L1-4H2*1-BH;cp[2-1]+v2 |

InchI Key: HIPJTYPALXAMBX-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 10204 are supplied with every shipment.

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