Product Data Sheet

(3N5) 99.95% 5,10,15,20-Tetraphenyl-21H,23H-porphine Vanadium(IV) Oxide

Product Code: V-OMX-035

Formula: C_{44}H_{28}N_{4}OV
CAS No.: 14705-63-6
EC No.: N/A
MDL: MFCD00012154

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InchI Identifier</th>
<th>InchI Key</th>
</tr>
</thead>
</table>
| C_{44}H_{28}N_{4}OV | MFCD00012154 | N/A | N/A | 2733357 | oxovanadium(2+); 5,10,15,20-tetraphenylporphyrin-22,24-diide | c1ccc(cc1)/c/2c\3/nc(/c(c/4/n5/c(c/\c6n/c(c/\c7n(\c2cc7[\c5=O]/c8ccccc8)/cC=C6)/c9ccccc9)/cc4)/c1ccccc1)C=C3 | InChI=1S/C44H28N4.O.V/c1-5-13-29(14-6-1)41-33-21-23-35(45-33)42(30-15-7-2-8-16-30)37-25-27-39(47-37)44(32-19-11-4-12-20-32 ... 8(48-40)43(31-17-9-3-10-18-31)36-24-22-34(41)46-36;;/h1-28H;;/q-2;;+2/b41-33-,41-34-,42-35-,42-37-,43-36-,43-38-,44-39-,44 | MFCD00012154

Total Metal Impurities: 0.05% 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.