Product Data Sheet

(3N) 99.9% Tris(acetonitrile)pentamethylcyclopentadienylRhodium(III) hexafluoroantimonate

Product Code: RH-OMX-03

Formula: \([\text{Rh}(\text{C}_{10}\text{H}_{15})(\text{CH}_{3}\text{CN})_{3}]^{+}(\text{SbF}_{6})_{2}\)

CAS No.: 59738-27-1

EC No.: N/A

MDL: MFCD18827646

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChl Identifier</th>
<th>InChl Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>([\text{Rh}(\text{C}<em>{10}\text{H}</em>{15})(\text{CH}<em>{3}\text{CN})</em>{3}]^{+}(\text{SbF}<em>{6})</em>{2})</td>
<td>MFCD18827646</td>
<td>N/A</td>
<td>44249223</td>
<td>acetonitrile; hexafluoroantimony(1-); 1,2,3,4,5-pentamethylcyclopentane; rhodium(3+)</td>
<td>CC#N.CC#N.CC#N.C[CC]1[CC][C][CC][C][C][C][C][C][C][C][C].F[SB-]F(F)(F)(F)(F).F.F[SB-]F(F)(F)(F)(F).F.Rh(3+)</td>
<td>InChI=1S/\text{C10H15.3C2H3N.12FH.Rh.2SBc1-6-7(2)9(4)10(5)8(6)3/3*1-2-3**h1-5H3;3<em>1H3;12</em>1H;;::\:;q:;::\:**+3.2::\:5::\:12</td>
<td>BVRGVPGOKKWMRR-UHFFFAOYSA-B</td>
</tr>
</tbody>
</table>

### 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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.