Product Data Sheet

(5N) 99.999% Bis(cyclopentadienyl)zirconium(IV) bis(trifluoromethanesulfonate)tetrahydrofuran complex

Product Code: ZR-OMX-05

**Formula:** \( C_{12}H_{10}F_6O_6S_2Zr \cdot C_4H_8O \)

**CAS No.:** 89672-77-5

**EC No.:** N/A

**MDL:** MFCD00192583

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>( C_{12}H_{10}F_6O_6S_2Zr \cdot C_4H_8O )</td>
<td>MFCD00192583</td>
</tr>
</tbody>
</table>

**Beilstein Registry No.:** N/A

**Pubchem CID:** 16212672

**IUPAC Name:** cyclopentane; oxolane; trifluoromethanesulfonate; zirconium(2+)

**SMILES:** C1CCOC1.[CH]1[CH][CH][CH][CH][CH][CH][CH]1.C(F)(F)(F)S(=O)(=O)[O-].C(F)(F)(F)S(=O)(=O)[O-].[Zr+2]

**Inchi Identifier:** InChI=1S/2C5H5.C4H8O.2CHF3O3S.Zr/c3*1-2-4-5-3-1;2*2-1(3,4)8(5,6)7;h2*1-5H;1-4H2;2*(H,5,6,7);q;;;;;+2/p-2

**Inchi Key:** OFTAVORSNHLOQHT-UHFFFAOYSA-L

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