Product Data Sheet

(3N) 99.9% S-Acetamidomethyl-L-cysteine Hydrochloride
Product Code: S-OMX-03

Formula: C₆H₁₂N₂O₃S • HCl
CAS No.: 28798-28-9
EC No.: 249-230-5
MDL: MFCD00077080

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>C₆H₁₂N₂O₃S • HCl</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00077080</td>
</tr>
<tr>
<td>EC No.</td>
<td>249-230-5</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>4015821</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>16211002</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>(2R)-3-(acetamidomethylsulfanyl)-2-aminopropanoic acid;hydrochloride</td>
</tr>
<tr>
<td>SMILES</td>
<td>CC(=O)NCSCC(C=(O)O)N.ClH</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/C6H12N2O3S.Cl/c1-4(9)8-3-12-2-5(7)6(10)11;/h5H,2-3,7H2,1H3,(H,8,9)(H,10,11);1H/t5-,7/m0./s1</td>
</tr>
<tr>
<td>InChI Key</td>
<td>SZWPOAKLKGUXDD-JEDNCBNOSA-N</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.
Documentation

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