## 1 - Identification of substance and manufacturer

<table>
<thead>
<tr>
<th>Axon catalogue ID</th>
<th>CAS number</th>
<th>Manufacturer's name</th>
<th>Emergency Telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2839</td>
<td>13520666-68-2</td>
<td>Axon Medchem BV</td>
<td>+31 (0)50 311 8007</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product name</th>
<th>Batch no.</th>
<th>AMG 232</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td></td>
<td>MDMP-p53 inhibitor</td>
</tr>
</tbody>
</table>

### IUPAC name
2-((R,5,6R,6S)-5-(3-Chlorophenyl)-6-(4-chlorophenyl)-1-(1-isopropylsulfonyl)-3-methylbutan-2-yl)-3-methyl-2-oxopiperidin-3-y]acetic acid

**Product name**: AMG 232

**Batch no.**: 1

**Application**: MDMP-p53 inhibitor

**IUPAC name**: 2-((R,5,6R,6S)-5-(3-Chlorophenyl)-6-(4-chlorophenyl)-1-(1-isopropylsulfonyl)-3-methylbutan-2-yl)-3-methyl-2-oxopiperidin-3-y]acetic acid

**Stability**: Stable under normal handling conditions.

**Reactivity**: Protect from light and heat. Avoid strong oxidizing agents.

**Carcinogenicity**: No data available

**Mutagenicity**: No data available

**Teratogenicity**: No data available

## 2 - Hazards identification

### Route of entry
- Eye contact
- Inhalation
- Digestion

### Symptoms of Exposure
No data available.

### Hazardous ingredient

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Concentration</th>
<th>LD-50 of ingredient</th>
</tr>
</thead>
<tbody>
<tr>
<td>13520666-68-2</td>
<td>100.0%</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### Potential health effects
May be harmful by inhalation, ingestion or eye absorption. May have irritation to eye, mucous membranes, upper respiratory system, and skin.

## 3 - Information on ingredients

### AMG 232

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Concentration</th>
<th>LD-50 of ingredient</th>
</tr>
</thead>
<tbody>
<tr>
<td>13520666-68-2</td>
<td>100.0%</td>
<td>No data available</td>
</tr>
</tbody>
</table>

**Stability**: No data available

**Chemical resistant gloves and lab coat**: Appropriate protective clothing

**Eye contact**: Rinse with copious amounts of water for at least 15 minutes as a precaution.

**Inhalation**: Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult, administer oxygen. If breathing stops give artificial respiration.

**Ingestion**: Rinse mouth out with copious amounts of water, contact a physician.

## 4 - First Aid Measures

### Skin contact
Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

### Fire fighting instructions
Use extinguishing media appropriate to the surrounding fire conditions. Wear protective clothing to prevent contact with skin, eyes, and respiratory system.

**Flashpoint (°C)**: N.A.

**Hazardous combustion products**: May emit toxic gases like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

**Flammable**: No data available

**Exposure limits**

### Protection of hands/skin
Chemical resistant gloves and lab coat

### Protection of eyes
Appropriate safety glasses

### Protection of respiratory system
Handle in fume hood. Prevent inhalation

## 5 - Fire Fighting Measures

### Leak and spill procedures
Absorb solutions with finely-powdered liquid-binding material. After removal, ventilate and decontaminate surfaces and equipment with alcohol. Dispose of contaminated materials according to section 13.

### Handling and Storage
Store in a properly sealed container under the storage conditions indicated on the label.

### Ecological information
Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

### Disposal considerations
Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

### Transport Information

<table>
<thead>
<tr>
<th>DOT shipping name</th>
<th>IATA class</th>
<th>Applicable HS class</th>
<th>Transportation (Land/Sea/Air)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>No data available</td>
<td>2942.00.0000</td>
<td>Non-hazardous</td>
</tr>
</tbody>
</table>

## 6 - Physical and chemical properties

<table>
<thead>
<tr>
<th>Batch molecular formula</th>
<th>Appearance</th>
<th>Chemical purity</th>
<th>Optical purity (°e)</th>
<th>Solubility in water (mg/mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C28H35Cl2NO5S</td>
<td>White solid</td>
<td>100.0%</td>
<td>N.A.</td>
<td>0.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Batch MW</th>
<th>Melting point</th>
</tr>
</thead>
<tbody>
<tr>
<td>568.65</td>
<td>151.5 - 163.5 °C</td>
</tr>
</tbody>
</table>

## 10 - Stability and reactivity

### Reactivity
May emit toxic gases like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

### Stability
Stable under normal handling conditions.

### Conditions and materials to avoid
Protect from light and heat. Avoid strong oxidizing agents.

## 11 - Toxicological information

### Toxicity
No data available

### Carcinogenicity
No data available

### Mutagenicity
No data available

### Teratogenicity
No data available

## 12 - Ecological information
Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

## 13 - Disposal considerations
Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

## 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT shipping name</th>
<th>IATA class</th>
<th>Applicable HS class</th>
<th>Transportation (Land/Sea/Air)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td>No data available</td>
<td>2942.00.0000</td>
<td>Non-hazardous</td>
</tr>
</tbody>
</table>

## 15 - Regulatory Information

### Hazardous ingredient

<table>
<thead>
<tr>
<th>AMG 232</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13520666-68-2</td>
</tr>
</tbody>
</table>

### European risk and safety phrases

<table>
<thead>
<tr>
<th>R48</th>
<th>Danger of serious damage to health by prolonged exposure.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S22</td>
<td>Do not breathe dust.</td>
</tr>
<tr>
<td>S24/S25</td>
<td>Avoid any inhalation, contact with skin and eyes.</td>
</tr>
<tr>
<td>S36/S37/S39</td>
<td>Wear suitable protective clothing, gloves and eye/face protection.</td>
</tr>
</tbody>
</table>

**CAUTION**: SUBSTANCE NOT FULLY TESTED