

RMC-7977 SDS | MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** RMC-7977
- **Catalog Number:** E1858
- **CAS Number:** 2765082-12-8
- **IUPAC Name:** 3-Oxabicyclo[3.1.0]hexane-6-carboxamide, N -[(2R ,14S ,18S)-2-[5-(4-cyclopropyl-1-piperazinyl)-2-[(1S)-1-methoxyethyl]-3-pyridinyl]-1-ethyl-18,19,20,21-tetrahydro-25,25-dimethyl-15,22-dioxo-17H -5,3- ([4,2]-endo -thiazolopropano[1,3]-endo -pyridazinomethanox ypropano)-1H -indol-14-yl]-, (1 α ,5 α ,6 α)

Relevant identified uses and uses advised against

- **Identified uses:** For research and development use only; laboratory chemicals; manufacture of substances.
- **Uses advised against:** Not for pharmaceutical, household, or other unapproved uses.

Details of the supplier

- **Company :** Selleck Chemicals
- **TollFree :** +1 877 796-6397
- **Tel :** +1 832 582-8158
- **Fax :** +1 832 582-8590

Emergency telephone number

- **Emergency phone #:** +1 832 582-8158

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

No specific data provided for this section.

2.2 GHS label elements, including precautionary statements

- **Pictogram(s):** Unknown.
- **Signal word:** No specific data provided for this section.
- **Hazard statement(s):** No specific data provided for this section.
- **Precautionary statement(s):**
- **Prevention:** No specific data provided for this section.
- **Response:** No specific data provided for this section.
- **Storage:** No specific data provided for this section.
- **Disposal:** No specific data provided for this section.

2.3 Other hazards which do not result in classification

No specific data provided for this section.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

- **Chemical name:** 3-Oxabicyclo[3.1.0]hexane-6-carboxamide, N -[(2R ,14S ,18S)-2-[5-(4-cyclopropyl-1-piperazinyl)-2-[(1S)-1-methoxyethyl]-3-pyridinyl]-1-ethyl-18,19,20,21-tetrahydro-25,25-dimethyl-15,22-dioxo-17H -5,3- ([4,2]-endo -thiazolopropano[1,3]-endo -pyridazinomethanox ypropano)-1H -indol-14-yl]-, (1 α ,5 α ,6 α)
- **Common names and synonyms:** RMC-7977
- **CAS number:** 2765082-12-8
- **EC number:** No specific data provided for this section.

4. FIRST-AID MEASURES

4.1 Description of necessary first-aid measures

- **General advice:** No specific data provided for this section.
- **If inhaled:** Move the victim into fresh air. If breathing is difficult, administer oxygen. If not breathing, perform artificial respiration and consult a physician immediately. Do not use mouth-to-mouth resuscitation if the chemical was ingested or inhaled.
- **Following skin contact:** Immediately remove all contaminated clothing. Wash the affected area with soap and plenty of water. Consult a physician.
- **Following eye contact:** Rinse the eyes with pure water for at least 15 minutes and consult a physician.
- **Following ingestion:** Rinse the mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

No specific data provided for this section.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No specific data provided for this section.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use dry chemical, carbon dioxide, or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical

No specific data provided for this section.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus (SCBA) for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid the formation of powder. Avoid breathing mist, gas, or vapors. Avoid contact with skin and eyes. Use appropriate personal protective equipment, including chemical-impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition and evacuate personnel to safe areas. Keep people upwind of the spill.

6.2 Environmental precautions

Prevent further spillage or leakage if safe to do so. Do not allow the chemical to enter drains. Avoid discharge into the environment.

6.3 Methods and materials for containment and cleaning up

Collect and arrange for disposal. Keep the chemical in suitable, closed containers. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material must be disposed of promptly in accordance with applicable laws and regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in a well-ventilated area. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid the formation of powder and aerosols. Use non-sparking tools. Take measures to prevent fire caused by electrostatic discharge.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool, and well-ventilated location. Store away from foodstuffs or incompatible materials. Maintain at low temperatures and keep away from moisture.

- **powder:** -20°C for 3 years.

- **In solvent:** -80°C for 1 year.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

- **Occupational Exposure limit values:** No specific data provided for this section.

- **Biological limit values:** No specific data provided for this section.

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practices. Establish emergency exits and risk-elimination areas.

8.3 Individual protection measures, such as personal protective equipment (PPE)

- **Eye/face protection:** Wear tightly fitting safety goggles with side-shields conforming to EN 166 (EU) or NIOSH (US).

- **Skin protection:** Wear fire/flame-resistant and impervious clothing. Handle with gloves inspected prior to use. Wash and dry hands. Gloves must satisfy EU Directive 89/686/EEC and the EN 374 standard.

- **Respiratory protection:** If exposure limits are exceeded or irritation occurs, use a full-face respirator.
- **Thermal hazards:** No specific data provided for this section.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical state:** powder
- **Color:** No specific data provided for this section.
- **Odour:** No specific data provided for this section.
- **Melting point/freezing point:** No specific data provided for this section.
- **Boiling point or initial boiling point and boiling range:** No specific data provided for this section.
- **Flammability:** No specific data provided for this section.
- **Lower and upper explosion limit/flammability limit:** No specific data provided for this section.
- **Flash point:** No specific data provided for this section.
- **Auto-ignition temperature:** No specific data provided for this section.
- **Decomposition temperature:** No specific data provided for this section.
- **pH:** No specific data provided for this section.
- **Kinematic viscosity:** No specific data provided for this section.
- **Solubility:** DMSO: 120 mg/mL (138.71 mM); sonication is recommended. (< 1 mg/ml refers to the product being slightly soluble or insoluble).
- **N-octanol-water partition coefficient:** No specific data provided for this section.
- **Vapour pressure:** No specific data provided for this section.
- **Density and/or relative density:** No specific data provided for this section.
- **Relative vapour density:** No specific data provided for this section.
- **Particle characteristics:** No specific data provided for this section.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific data provided for this section.

10.2 Chemical stability

No specific data provided for this section.

10.3 Possibility of hazardous reactions

No specific data provided for this section.

10.4 Conditions to avoid

No specific data provided for this section.

10.5 Incompatible materials

No specific data provided for this section.

10.6 Hazardous decomposition products

No specific data provided for this section.

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:** No specific data provided for oral, inhalation, or dermal routes.
- **Skin corrosion/irritation:** No specific data provided for this section.
- **Serious eye damage/irritation:** No specific data provided for this section.
- **Respiratory or skin sensitization:** No specific data provided for this section.
- **Germ cell mutagenicity:** No specific data provided for this section.
- **Carcinogenicity:** No specific data provided for this section.
- **Reproductive toxicity:** No specific data provided for this section.
- **STOT-single exposure:** No specific data provided for this section.
- **STOT-repeated exposure:** No specific data provided for this section.
- **Aspiration hazard:** No specific data provided for this section.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

- **Toxicity to fish:** No specific data provided for this section.
- **Toxicity to daphnia and other aquatic invertebrates:** No specific data provided for this section.
- **Toxicity to algae:** No specific data provided for this section.
- **Toxicity to microorganisms:** No specific data provided for this section.

12.2 Persistence and degradability

No specific data provided for this section.

12.3 Bioaccumulative potential

No specific data provided for this section.

12.4 Mobility in soil

No specific data provided for this section.

12.5 Other adverse effects

No specific data provided for this section.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods

- **Product:** The material may be disposed of at a licensed chemical destruction plant or via controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed, or seed during storage or disposal. Do not discharge into sewer systems.

- **Contaminated packaging:** Containers should be triple-rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, packaging can be punctured to render it unusable and disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is applicable for combustible packaging materials.

14. TRANSPORT INFORMATION

14.1 UN Number

No specific data provided for this section.

14.2 UN Proper Shipping Name

No specific data provided for this section.

14.3 Transport hazard class(es)

No specific data provided for this section.

14.4 Packing group, if applicable

No specific data provided for this section.

14.5 Environmental hazards

No specific data provided for this section.

14.6 Special precautions for user

No specific data provided for this section.

14.7 Transport in bulk according to IMO instruments

No specific data provided for this section.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

- **European Inventory of Existing Commercial Chemical Substances (EINECS):** Not Listed.
- **EC Inventory:** Not Listed.
- **United States Toxic Substances Control Act (TSCA) Inventory:** Not Listed.
- **China Catalog of Hazardous chemicals 2015:** Not Listed.
- **New Zealand Inventory of Chemicals (NZIoC):** Not Listed.
- **Philippines Inventory of Chemicals and Chemical Substances (PICCS):** Not Listed.
- **Vietnam National Chemical Inventory:** Not Listed.
- **Chinese Chemical Inventory of Existing Chemical Substances (China IECSC):** Not Listed.
- **Korea Existing Chemicals List (KECL):** Not Listed.

16. OTHER INFORMATION

Revision Date: 2026/05/29

Further Information: The information provided is believed to be correct but is not exhaustive and should be used only as a guideline based on current knowledge. It does not represent a guarantee of the properties of the product. Selleck Chemicals Corporation and its Affiliates shall not be held liable for any damage resulting from handling or contact with the product.