

RO4929097 (RG-4733) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** RO4929097 (RG-4733)
- **Catalog Number:** S1575
- **CAS Number:** 847925-91-1
- **IUPAC Name:** Propanediamide, N1-[(7S)-6,7-dihydro-6-oxo-5H-dibenz[b,d]azepin-7-yl]-2,2-dimethyl-N3-(2,2,3,3,3-pentafluoropropyl)-

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. HAZARDS IDENTIFICATION

GHS Classification:

Acute toxicity, Oral (Category 4)

Pictogram:



Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

Precautionary Statements:

- **Prevention:** Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product.
- **Response:** IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

- **Disposal:** Dispose of contents/container to an approved waste disposal plant.

Other Hazards:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Substance

Components:

- **Chemical Name:** Propanediamide, N1-[(7S)-6,7-dihydro-6-oxo-5H-dibenz[b,d]azepin-7-yl]-2,2-dimethyl-N3-(2,2,3,3,3-pentafluoropropyl)-
- **CAS-No.:** 847925-91-1
- **Concentration:** >= 90 - <= 100%

4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the attending physician.

If Inhaled: Move person to fresh air.

In Case of Skin Contact: Immediately remove all contaminated clothing. Rinse skin with water or shower.

In Case of Eye Contact: Rinse thoroughly with plenty of water. Remove contact lenses if present.

If Swallowed: Immediately provide the victim with water (maximum of two glasses). Consult a physician.

Most Important Symptoms and Effects: The most important known symptoms and effects are described in the hazard identification (Section 2) and toxicological information (Section 11).

Protection of First-Aiders: Refer to Section 8 for personal protective equipment.

Notes to Physician: N/A.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water, Foam, Carbon dioxide (CO₂), Dry powder.

Unsuitable Extinguishing Media: No limitations of extinguishing agents are specified for this substance.

Specific Hazards: The product is combustible. Hazardous combustion gases or vapors (carbon oxides, nitrogen oxides, hydrogen fluoride) may be produced in the event of a fire.

Extinguishing Methods: Use water spray to suppress gases, vapors, or mists. Prevent fire extinguishing water from contaminating surface or ground water systems.

Special Protective Equipment: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid inhalation of powder. Avoid contact with the substance. Ensure adequate ventilation and evacuate the danger area. For emergency responders, see Section 8.

Environmental Precautions: Do not allow the product to enter drains.

Methods for Containment and Cleaning Up: Cover drains. Collect, bind, and pump off spills. Take up dry and dispose of properly. Clean the affected area and avoid the generation of powder.

7. HANDLING AND STORAGE

Handling: Follow the precautions outlined in Section 2.

Storage Conditions: Keep the container tightly closed in a dry place.

Storage Class: 11 (Combustible Solids).

Recommended Storage Temperature: -13 to 14 °F (-25 to -10 °C).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Contains no substances with occupational exposure limit values.

Engineering Measures: N/A

Personal Protective Equipment:

- **Respiratory Protection:** Required when powder is generated. Recommended filter type P2 (based on DIN EN 143, DIN 14387).
- **Hand Protection:** Nitrile rubber gloves. Full and splash contact: 0.11 mm thickness, breakthrough time 480 min (e.g., KCL 741 Dermatril L).
- **Eye Protection:** Safety glasses approved under government standards such as NIOSH (US) or EN 166 (EU).
- **Skin and Body Protection:** Protective clothing.

Hygiene Measures: Change contaminated clothing. Use preventive skin protection. Wash hands thoroughly after working with the substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** powder
- **Color:** N/A
- **Odor:** N/A
- **Odor Threshold:** N/A
- **pH:** N/A
- **Melting Point:** N/A
- **Boiling Point:** N/A
- **Flash Point:** Not applicable
- **Evaporation Rate:** N/A
- **Flammability:** N/A
- **Vapor Pressure:** N/A
- **Relative Vapor Density:** N/A
- **Relative Density:** N/A
- **Density:** N/A

- **Water Solubility:** Soluble (68 °F / 20 °C)
- **Partition Coefficient (n-octanol/water):** N/A
- **Autoignition Temperature:** N/A
- **Decomposition Temperature:** N/A
- **Viscosity:** N/A
- **Explosive Properties:** Not classified as explosive
- **Oxidizing Properties:** None
- **Molecular Weight:** 469.41 g/mol

10. STABILITY AND REACTIVITY

Reactivity: Flammable organic substance. A powder explosion potential may exist if the material is whirled up in a fine distribution.

Chemical Stability: Stable under standard ambient conditions (room temperature).

Possibility of Hazardous Reactions: Violent reactions are possible with strong oxidizing agents.

Conditions to Avoid: No information available.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: In the event of fire, see Section 5.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

- **Oral:** Acute toxicity estimate 500.1 mg/kg (Expert judgment).
- **Inhalation:** N/A.
- **Dermal:** N/A.

Skin Corrosion/Irritation: N/A.

Serious Eye Damage/Irritation: N/A.

Respiratory or Skin Sensitization: N/A.

Germ Cell Mutagenicity: N/A.

Carcinogenicity:

- **IARC:** No ingredient present at levels $\geq 0.1\%$ is identified as a probable, possible, or confirmed human carcinogen.
- **NTP:** No ingredient present at levels $\geq 0.1\%$ is identified as a known or anticipated carcinogen.
- **OSHA:** No component present at levels $\geq 0.1\%$ is on OSHA's list of regulated carcinogens.

Reproductive Toxicity: N/A.

STOT - Single Exposure: N/A.

STOT - Repeated Exposure: N/A.

Aspiration Hazard: N/A.

Additional Information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A.

Persistence and Degradability: N/A.

Bioaccumulative Potential: N/A.

Mobility in Soil: N/A.

Other Adverse Effects: This product does not contain, nor was it manufactured with, Class I or Class II Ozone-Depleting Substances as defined by the U.S. Clean Air Act Section 602.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in their original containers. Do not mix with other waste. Handle uncleaned containers in the same manner as the product itself.

14. TRANSPORT INFORMATION

IATA-DGR: Not regulated as a dangerous good.

IMDG-Code: Not regulated as a dangerous good.

49 CFR Road: Not regulated as a dangerous good.

Poison Inhalation Hazard: No.

Special Precautions for User: Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

The ingredients of this product are reported in the following inventories:

TSCA : Product contains substance(s) not listed on TSCA inventory.

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

16. OTHER INFORMATION

Revision Date: 2026/07/20

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.