

BRM/BRG1 ATP Inhibitor-1 (BRM014) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** BRM/BRG1 ATP Inhibitor-1 (BRM014)
- **Catalog Number:** E0111
- **CAS Number:** 2270879-17-7
- **IUPAC Name:** Urea, N-[3-(difluoromethyl)-5-isothiazolyl]-N'-[2-fluoro-5-(hydroxymethyl)-4-pyridinyl]-

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

The product is not classified as a hazardous substance or mixture according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Globally Harmonized System (GHS). No other hazards have been identified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is a substance. It contains no ingredients classified as hazardous.

4. FIRST AID MEASURES

- **If inhaled:** Move the person to fresh air.
- **In case of skin contact:** Take off all contaminated clothing immediately. Rinse the skin with water or shower.
- **In case of eye contact:** Rinse out with plenty of water. Remove contact lenses if present.
- **If swallowed:** Have the victim drink water (maximum of two glasses). Consult a doctor if feeling unwell.

- **Most important symptoms and effects:** The most important known symptoms and effects are described in the labeling (Section 2.2) and/or Section 11.
- **Protection of first-aiders:** Refer to Section 8 for personal protection.
- **Notes to physician:** N/A.

5. FIREFIGHTING MEASURES

- **Suitable extinguishing media:** Water, foam, carbon dioxide (CO₂), or dry powder.
- **Unsuitable extinguishing media:** No limitations of extinguishing agents are given for this substance.
- **Specific hazards during firefighting:** The material is combustible. Hazardous combustion gases or vapors, including carbon oxides, nitrogen oxides (NO_x), sulfur oxides, and hydrogen fluoride, may develop in the event of a fire.
- **Further information:** Suppress gases, vapors, or mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or groundwater systems.
- **Special protective equipment for firefighters:** Wear a self-contained breathing apparatus in the event of a fire.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions and emergency procedures:** Advice for non-emergency personnel: Avoid inhalation of powder. Evacuate the danger area, observe emergency procedures, and consult an expert. Advice for emergency responders: Refer to Section 8 for personal protection.
- **Environmental precautions:** Do not allow the product to enter drains.
- **Methods and materials for containment and cleaning up:** Cover drains. Collect, bind, and pump off spills. Observe material restrictions (see Sections 7 and 10). Take up dry and dispose of properly. Clean the affected area and avoid the generation of powder.

7. HANDLING AND STORAGE

- **Handling:** Refer to Section 2.2 for precautions.
- **Storage conditions:** Keep the container tightly closed and in a dry place.
- **Storage class:** 11, Combustible powder.
- **Recommended storage temperature:** 36-46 °F / 2-8 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Control parameters:** 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: P1 (based on DIN EN 143, DIN 14387, and related standards).
 - **Hand protection:** Handle with nitrile rubber gloves (thickness: 0.11 mm; breakthrough time: 480 min). Recommended: KCL 741 Dermatril-L.

- **Eye protection:** Use safety glasses tested and approved under government standards such as NIOSH (US) or EN 166 (EU).
- **Hygiene measures:** Change contaminated clothing. Wash hands 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/boiling range:** N/A
- **Flash point:** Not applicable
- **Evaporation rate:** N/A
- **Flammability (solid, gas):** N/A
- **Vapor pressure:** N/A
- **Relative vapor density:** N/A
- **Relative density:** N/A
- **Density:** N/A
- **Water solubility:** N/A
- **Partition coefficient: n-octanol/water:** N/A
- **Autoignition temperature:** N/A
- **Decomposition temperature:** N/A
- **Viscosity:** N/A
- **Explosive properties:** N/A
- **Oxidizing properties:** None
- **Molecular weight:** 318.28 g/mol

10. STABILITY AND REACTIVITY

- **Reactivity:** Flammable organic substances in fine distribution may have powder explosion potential when whirled up.
- **Chemical stability:** The product is chemically 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:** N/A.
- **Hazardous decomposition products:** In the event of fire, see Section 5.

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:** N/A for oral, inhalation, or dermal exposure.
- **Skin corrosion/irritation:** N/A.
- **Serious eye damage/eye irritation:** N/A.
- **Respiratory or skin sensitization:** N/A.
- **Germ cell mutagenicity:** N/A.
- **Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, NTP, or OSHA.
- **Reproductive toxicity:** N/A.
- **Specific target organ toxicity (single/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

N/A

13. DISPOSAL CONSIDERATIONS

Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in their original containers and 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.

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 components 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.