

STM2457 SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** STM2457
- **Catalog Number:** S9870
- **CAS Number:** 2499663-01-1
- **IUPAC Name:** 4H-Pyrido[1,2-a]pyrimidine-2-carboxamide, N-[[6-[[[(cyclohexylmethyl)amino]methyl]imidazo[1,2-a]pyridin-2-yl]methyl]-4-oxo-

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) and the Globally Harmonized System (GHS). There are no known additional hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is a substance. No hazardous ingredients are present in this substance.

4. FIRST AID MEASURES

- **If inhaled:** Move the person to fresh air.
- **In case of skin contact:** Immediately remove all contaminated clothing and rinse the skin with water or shower.
- **In case of eye contact:** Rinse thoroughly with plenty of water and remove contact lenses.

- **If swallowed:** Have the victim drink a maximum of two glasses of water. Consult a physician if the individual feels unwell.
- **Most important symptoms and effects:** The most significant known symptoms and effects are described in the hazard identification (Section 2) or toxicological information (Section 11).
- **Protection of first-aiders:** Refer to Section 8 for personal protective equipment.
- **Notes to physician:** No specific data provided for this section.

5. FIREFIGHTING MEASURES

- **Suitable extinguishing media:** Use water, foam, carbon dioxide (CO₂), or dry powder.
- **Unsuitable extinguishing media:** No limitations on extinguishing agents are specified for this substance.
- **Specific hazards:** The material is combustible. Hazardous combustion gases or vapors, including carbon oxides and nitrogen oxides (NO_x), may be generated in the event of a fire.
- **Extinguishing methods:** Use water spray to suppress gases, vapors, or mists. Prevent firefighting water from entering surface water or groundwater systems.
- **Special protective equipment:** Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions:** Avoid inhalation of powder. Evacuate the area and follow emergency procedures. 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 and pump off spills. Take up the material in a dry state and dispose of it properly. Clean the affected area and avoid the generation of powder.

7. HANDLING AND STORAGE

- **Handling:** Follow precautions outlined in Section 2.2.
- **Storage conditions:** Keep the container tightly closed and in a dry place.
- **Storage class:** 11, Combustible powders.
- **Recommended storage temperature:** -4 °F / -20 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Control parameters:** Contains no substances with occupational exposure limit values.
- **Engineering measures:** No specific data provided for this section.
- **Respiratory protection:** Required when powder is generated. Recommended filter type: P1 (based on DIN EN 143, DIN 14387).
- **Hand protection:** Use nitrile rubber gloves (thickness: 0.11 mm) for both full and splash contact. Recommended manufacturer: KCL 741 Dermatril-L, with a breakthrough time of 480 minutes.
- **Eye protection:** Use safety glasses approved under standards such as NIOSH (US) or EN 166 (EU).

- **Hygiene measures:** Change contaminated clothing and wash hands after handling 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 (powder, gas):** N/A
- **Flammability (liquids):** N/A
- **Burning rate:** N/A
- **Upper/Lower explosion limit:** 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:** 444.53 g/mol
- **Particle size:** N/A

10. STABILITY AND REACTIVITY

- **Reactivity:** Flammable organic substances in fine distribution may have dust explosion potential when whirled up.
- **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:** N/A.
- **Hazardous decomposition products:** See Section 5 in the event of fire.

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:** N/A for oral, inhalation, or dermal routes.
- **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 at levels $\geq 0.1\%$ is identified as a probable, possible, or confirmed human carcinogen by IARC, NTP, or OSHA.
- **Reproductive toxicity:** N/A.
- **STOT - single exposure:** N/A.
- **STOT - repeated exposure:** N/A.
- **Aspiration hazard:** N/A.
- **Additional Information:** 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:** N/A.

13. DISPOSAL CONSIDERATIONS

Waste material must be disposed of in accordance with national and local regulations. Retain chemicals in original containers and do not mix with other waste. Uncleaned containers should be handled 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.
- **Transport in bulk:** Not applicable for the product as supplied.
- **Special precautions:** 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: 2026/07/02

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.