

Vactosertib (TEW-7197) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** Vactosertib (TEW-7197)
- **Catalog Number:** S7530
- **CAS Number:** 1352608-82-2
- **IUPAC Name:**
N-(2-fluorophenyl)-5-(6-methyl-2-pyridinyl)-4-[1,2,4]triazolo[1,5-a]pyridin-6-yl-1H-imidazole-2-methanamine

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(s) identification

Pictogram:



Signal word: Warning

Hazard statements:

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.

Precautionary statements:

- P261: Avoid breathing powder/fume/gas/mist/vapors/spray.
- P264: Wash thoroughly after handling.
- P271: Use only outdoors or in a well-ventilated area.

- P280: Wear eye protection / face protection.
- P302+P352: If on skin: Wash with plenty of water.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312: Call a poison center/doctor if you feel unwell.
- P321: Specific treatment (see on this label).
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P332+P313: If skin irritation occurs: Get medical advice/attention.
- P337+P313: If eye irritation persists: Get medical advice/attention.
- P403+P233: Store in a well-ventilated place. Keep container tightly closed.
- P405: Store locked up.
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

- NFPA ratings (scale 0 - 4): Health = 2, Fire = 0, Reactivity = 0.
- HMIS-ratings (scale 0 - 4): Health = 2, Fire = 0, Reactivity = 0.

Other hazards:

- Results of PBT and vPvB assessment: Not applicable.

3. Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description: 1352608-82-2 EW-7197

Chemical Name:

N-(2-fluorophenyl)-5-(6-methyl-2-pyridinyl)-4-[1,2,4]triazolo[1,5-a]pyridin-6-yl-1H-imidazole-2-methanamine

4. First-aid measures

- **After inhalation:** In case of unconsciousness, place the patient stably in a side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist, consult a doctor.
- **Information for doctor:** No further relevant information available regarding most important symptoms, effects, or immediate medical attention.

5. Fire-fighting measures

- **Extinguishing media:** Use fire-fighting measures that suit the environment. A solid water stream may be inefficient.

- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:** No special protective equipment measures required.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers, surface, or ground water.
- **Methods and material for containment and cleaning up:** Ensure adequate ventilation.
- **Reference to other sections:** See Section 7 for safe handling, Section 8 for personal protection equipment, and Section 13 for disposal information.
- **Protective Action Criteria for Chemicals:** Substance is not listed for PAC-1, PAC-2, or PAC-3.

7. Handling and storage

- **Handling:** No special precautions are necessary if used correctly. Avoid breathing powder/fume/gas/mist/vapors/spray. Avoid prolonged or repeated exposure. Keep away from sources of ignition. Take precautionary measures against static discharge.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage:** Keep container tightly closed. Store in accordance with information listed on the product insert.
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

8. Exposure controls/personal protection

- **Control parameters:** Components do not have limit values that require monitoring at the workplace.
- **Exposure controls:**
 - **General protective and hygienic measures:** Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
 - **Breathing equipment:** In case of brief exposure or low pollution, use a respiratory filter device. In case of intensive or longer exposure, use a respiratory protective device independent of circulating air.
 - **Protection of hands:** Use protective gloves. The glove material must be impermeable and resistant to the product.
 - **Eye protection:** Tightly sealed goggles.

9. Physical and chemical properties

- **Appearance:**
 - **Form:** powder
 - **Color:** Not determined.

- **Odor:** Characteristic
- **Structural Formula:**
N-(2-fluorophenyl)-5-(6-methyl-2-pyridinyl)-4-[1,2,4]triazolo[1,5-a]pyridin-6-yl-1H-imidazole-2-methanamine
- **Molecular Weight:** 399.4 g/mol
- **Odor threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition:** Melting point and boiling point are undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gaseous):** Product is not flammable.
- **Decomposition temperature:** Not determined.
- **Ignition temperature:** Not determined.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:** Lower and Upper not determined.
- **Vapor pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapor density:** Not applicable.
- **Evaporation rate:** Not applicable.
- **Solubility in / Miscibility with Water:** Not determined.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:** Dynamic and Kinematic are not applicable.
- **SOLUBILITY:** DMF: 30 mg/ml; DMSO: 30 mg/ml; Ethanol: 30 mg/ml; Ethanol:PBS (pH 7.2) (1:4): 0.2 mg/ml.

10. Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents.
- **Hazardous decomposition products:** Carbon oxides, hydrogen fluoride, nitrogen oxides.

11. Toxicological information

- **Acute toxicity:** No specific data provided.
- **Primary irritant effect:**
 - **On the skin:** Irritant to skin and mucous membranes.
 - **On the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

• **Carcinogenic categories:**

- **IARC (International Agency for Research on Cancer):** Substance is not listed.
- **NTP (National Toxicology Program):** Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration):** Substance is not listed.

12. Ecological information

- **Toxicity:** No further relevant information available regarding aquatic toxicity.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water course, or sewage system.
- **Results of PBT and vPvB assessment:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13. Disposal considerations

- **Waste treatment methods:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:** Disposal must be made according to official regulations.

14. Transport information

- **UN-Number (DOT, IMDG, IATA):** Not regulated.
- **UN proper shipping name (DOT, IMDG, IATA):** Not regulated.
- **Transport hazard class(es) (DOT, ADN, IMDG, IATA):** Not regulated.
- **Packing group (DOT, IMDG, IATA):** Not regulated.
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Not regulated.

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

Sara

Section 355 (extremely hazardous substances): Substance is not listed.

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): Substance is not listed.

Hazardous Air Pollutants Substance is not listed.

Proposition 65

Chemicals known to cause cancer: Substance is not listed.

Chemicals known to cause reproductive toxicity for females: Substance is not listed.

Chemicals known to cause reproductive toxicity for males: Substance is not listed.

Chemicals known to cause developmental toxicity: Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency) Substance is not listed.

TLV (Threshold Limit Value) Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Revision Date: 2026/07/17

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.