

LDN-193189 SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** LDN-193189
- **Catalog Number:** S2618
- **CAS Number:** 1062368-24-4
- **IUPAC Name:** 4-(6-(4-(piperazin-1-yl)phenyl)pyrazolo[1,5-a]pyrimidin-3-yl)quinoline

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

- **Classification of the substance or mixture:** The substance is not classified according to the Globally Harmonized System (GHS).
- **Label elements:**
 - **GHS label elements:** None
 - **Hazard pictograms:** None
 - **Signal word:** None
 - **Hazard statements:** None
- **Information pertaining to particular dangers for man and environment:** No specific data provided for this section.
- **Classification system:**
 - **NFPA ratings (scale 0 - 4):** Health = 0, Fire = 0, Reactivity = 0.
 - **HMIS-ratings (scale 0 - 4):** Health = 0, Fire = 0, Reactivity = 0.
- **Other hazards:**
 - **Results of PBT and vPvB assessment:** PBT: Not applicable; vPvB: Not applicable.

- **Classification according to (d)(1)(ii) of § 1910.1200:** The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
- **Hazards not otherwise classified:** There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3. Composition/information on ingredients

- **Chemical characterization:** Substances
- **CAS No. Description:** 1062368-24-4 LDN-193189

4. First-aid measures

- **Description of first aid measures:**
 - **General information:** No special measures required.
 - **After inhalation:** Supply fresh air; consult a doctor in case of complaints.
 - **After skin contact:** Generally the product does not irritate the skin.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:** If symptoms persist, consult a doctor.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5. Fire-fighting measures

- **Extinguishing media:**
 - **Suitable extinguishing agents:** 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:**
 - **Protective equipment:** No special 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:** Pick up mechanically.
- **Protective Action Criteria for Chemicals:**
 - **PAC-1:** Substance is not listed.
 - **PAC-2:** Substance is not listed.
 - **PAC-3:** Substance is not listed.

• **Reference to other sections:** See Section 7 for information on safe handling, Section 8 for information on personal protection equipment, and Section 13 for disposal information.

7. Handling and storage

- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:** 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:** None.
- **Specific end use(s):** No further relevant information available.

8. Exposure controls/personal protection

- **Control parameters:**
 - **Components with limit values that require monitoring at the workplace:** Not required.
 - **Additional information:** The lists that were valid during the creation were used as a basis.
- **Exposure controls:**
 - **Appropriate engineering controls:** No further data; see Section 7.
- **Personal protective equipment:**
 - **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
 - **Breathing equipment:** Not required.
 - **Protection of hands:** The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests, no recommendation to the glove material can be given. Selection of the glove material should consider penetration times, rates of diffusion, and degradation.
 - **Material of gloves:** The selection of suitable gloves depends not only on the material but also on further marks of quality and varies from manufacturer to manufacturer.
 - **Penetration time of glove material:** The exact break-through time has to be determined by the manufacturer of the protective gloves and must be observed.
 - **Eye protection:** Not required.

9. Physical and chemical properties

- **Physical state:** powder
- **Color:** Not determined.
- **Odor:** Characteristic
- **Structural Formula:** C₂₅H₂₂N₆
- **Molecular Weight:** 406.5 g/mol
- **Storage Buffer:** No specific data provided for this section.

- **Odor threshold:** Not determined.
- **Formulation:** No specific data provided for this section.
- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.
- **Flammability:** Product is not flammable.
- **Explosion limits:** Lower: Not determined; Upper: Not determined.
- **Flash point:** Not applicable.
- **Decomposition temperature:** Not determined.
- **pH-value:** Not applicable.
- **Viscosity:** Kinematic: Not applicable; Dynamic: Not applicable.
- **Solubility:** Chloroform: Slightly Soluble; DMSO: Slightly Soluble.
- **Solubility in / Miscibility with Water:** Not determined.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Vapor pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapor density:** Not applicable.
- **Particle characteristics:** Not determined.
- **Appearance (Form):** powder
- **Ignition temperature:** Not determined.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Evaporation rate:** Not applicable.

10. Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:**
 - **Thermal decomposition / conditions to be avoided:** 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 acids, strong bases, strong oxidizing agents, strong reducing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11. Toxicological information

- **Acute toxicity:** No data provided.
- **Primary irritant effect:**
 - **On the skin:** No irritant effect.
 - **On the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** When used and handled according to specifications, the product does not have any harmful effects according to experience and the information provided. The substance is not subject to classification.
- **Interactive effects:** No interactive effects between components are 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.
- **Alternative sources for toxicological information:** No non-standard sources for toxicological information were used.

12. Ecological information

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

13. Disposal considerations

- **Waste treatment methods:**
 - **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
 - **Recommendation:** 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.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **Special precautions for user:** 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.
- 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: 2026/06/30

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.