

JPH203 (Nanvuranlat) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** JPH203 (Nanvuranlat)
- **Catalog Number:** S8667
- **CAS Number:** 1037592-40-7
- **IUPAC Name:** L-Tyrosine, O-[(5-amino-2-phenyl-7-benzoxazolyl)methyl]-3,5-dichloro-

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

The substance is not classified as hazardous according to the Globally Harmonized System (GHS). There are no label elements, signal words, or hazard statements required.

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 are not applicable. There are no known adverse physical or health effects.

3. Composition/information on ingredients

This product is a substance characterized as JPH203.

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4. 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 the 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:** 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 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.
- **Reference to other sections:** See Section 7 for safe handling, Section 8 for 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.
- **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 are not required.
- **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:** Gloves must be impermeable and resistant to the product. Due to missing tests, no specific recommendation for glove material can be given.
 - **Eye protection:** Not required.

9. Physical and chemical properties

- **Physical state:** powder
- **Color:** Not determined.
- **Odor:** Characteristic
- **Structural Formula:** C₂₃H₁₉Cl₂N₃O₄
- **Molecular Weight:** 472.3 g/mol
- **Odor threshold:** Not determined.
- **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/Dynamic):** Not applicable.
- **Solubility:** DMSO: 1 mg/ml; DMSO:PBS (pH 7.2) (1:4): 0.20 mg/ml.
- **Water Solubility:** Not determined.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Vapor pressure:** Not applicable.
- **Density:** 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:** Stable under recommended storage conditions. 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 chloride, nitrogen oxides.

11. Toxicological information

- **Acute toxicity:** No specific data provided.
- **Primary irritant effect:** No irritant effect on the skin or eyes.
- **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 provided information. The substance is not subject to classification.
- **Carcinogenic categories:** Substance is not listed by IARC, NTP, or OSHA-Ca.

12. Ecological information

- **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.
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product to reach ground water, water courses, or sewage systems.
- **Results of PBT and vPvB assessment:** Not applicable.

13. Disposal considerations

- **Waste treatment methods:** Smaller quantities can be disposed of with household waste.
- **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.

15. Regulatory information

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

No further relevant information available.

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- 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: 2026/07/15

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.