

Linsitinib (OSI-906) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** Linsitinib (OSI-906)
- **Catalog Number:** S1091
- **CAS Number:** 867160-71-2
- **IUPAC Name:**
(1s,3s)-3-(8-amino-1-(2-phenylquinolin-7-yl)imidazo[1,5-a]pyrazin-3-yl)-1-methylcyclobutanol

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
- **Pictogram:** None
- **Signal word:** None
- **Hazard statements:** None

Information pertaining to particular dangers for man and environment:

- **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: 867160-71-2 Linsitinib

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. See Section 8 for information on personal protection equipment. See 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 on the material and further marks of quality, varying from manufacturer to manufacturer.
- **Penetration time of glove material:** The exact break through time has to be found out by the manufacturer and observed.
- **Eye protection:** Not required.

9. Physical and chemical properties

Information on basic physical and chemical properties:

- **Physical state:** powder
- **Color:** Not determined.
- **Odor:** Characteristic
- **Structural Formula:** C₂₆H₂₃N₅O
- **Molecular Weight:** 421.5 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:** DMF: 25 mg/ml; DMF:PBS (pH 7.2) (1:30): 0.03 mg/ml; DMSO: 20 mg/ml; Ethanol: 1 mg/ml.
- **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 oxidizing agents.

Hazardous decomposition products:

Carbon oxides, nitrogen oxides.

11. Toxicological information

Information on toxicological effects:

- **Acute toxicity:** No specific data provided for this section.

- **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 our 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:

- **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.

California 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: 2026/07/02

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.