

Liproxstatin-1 SDS | MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** Liproxstatin-1
- **Catalog Number:** S7699
- **CAS Number:** 950455-15-9
- **IUPAC Name:** N-[(3-chlorophenyl)methyl]-spiro[piperidine-4,2'(1'H)-quinoxalin]-3'-amine

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

GHS Classification

In accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200), the product as supplied is not classified as a hazardous substance or mixture.

GHS Label Elements

The product is not a hazardous substance or mixture; no specific label elements are required.

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Identity

The substance is Liproxstatin-1, also identified as N-[(3-chlorophenyl)methyl]-spiro[piperidine-4,2'(1'H)-quinoxalin]-3'-amine.

CAS-No.: 950455-15-9

Components

Contains no hazardous ingredients.

4. FIRST AID MEASURES

Description of First Aid Measures

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

The most important known symptoms and effects are described in the hazard identification (Section 2) and/or toxicological information (Section 11).

Protection of First-Aiders and Notes to Physician

For personal protection, see Section 8. No specific data provided for physician notes.

5. FIREFIGHTING MEASURES

Extinguishing Media

Suitable media include water spray, alcohol-resistant foam, dry chemical, or carbon dioxide (CO₂). There are no specific limitations on extinguishing agents for this substance.

Specific Hazards Arising from the Chemical

The product is combustible. In the event of fire, hazardous combustion gases or vapors may be produced, including carbon oxides, nitrogen oxides (NO_x), and hydrogen chloride gas.

Advice for Firefighters

Wear a self-contained breathing apparatus if necessary.

Further Information

Use water spray to suppress gases, vapors, or mists. Prevent fire extinguishing water from entering surface water or groundwater systems.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

For non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area and consult an expert. For emergency responders: Use personal protection as recommended in Section 8.

Environmental Precautions

Do not allow the product to enter drains.

Methods and Materials for Containment and Cleaning Up

Cover drains. Collect, bind, and pump off spills. Observe material restrictions (see Sections 7 and 10). Take up the material dry and dispose of it properly. Clean the affected area and avoid the generation of dusts.

7. HANDLING AND STORAGE

Precautions for Safe Handling

For precautions, see Section 2.2.

Conditions for Safe Storage

Keep the container tightly closed in a dry place.

Storage class: 11, Combustible Solids.

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.

Personal Protective Equipment

- **Respiratory protection:** Required when dusts are generated. A P1 type filter is recommended in accordance with DIN EN 143 or DIN 14387.
- **Hand protection:** Use nitrile rubber gloves (Full contact/Splash contact: 0.11 mm thickness, >480 min breakthrough time).
- **Eye protection:** Use safety glasses tested and approved under standards such as NIOSH (US) or EN 166 (EU).
- **Hygiene measures:** Change contaminated clothing and wash hands after working with 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:** N/A
- **Evaporation rate:** N/A
- **Flammability (solid, gas):** N/A
- **Upper/Lower flammability or explosive limits:** N/A
- **Vapor pressure:** N/A
- **Relative vapor density:** N/A
- **Relative density/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:** N/A
- **Molecular weight:** 340.85 g/mol

10. STABILITY AND REACTIVITY

Reactivity

Flammable organic substances in fine distribution may have dust explosion potential when whirled up.

Chemical Stability

The product is chemically stable under standard ambient conditions (room temperature).

Possibility of Hazardous Reactions

N/A.

Conditions to Avoid

No information available.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

In the event of fire, see Section 5.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

N/A for oral, inhalation, or dermal routes.

Skin Corrosion/Irritation and Serious Eye Damage/Irritation

N/A.

Respiratory or Skin Sensitization

N/A.

Germ Cell Mutagenicity

N/A.

Carcinogenicity

No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC, NTP, or OSHA.

Reproductive Toxicity

N/A.

Specific Target Organ Toxicity (Single and Repeated Exposure)

N/A.

Aspiration Hazard

N/A.

Additional Information

To the best of our knowledge, 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 Treatment Methods

Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in their original containers. Do not mix with other waste. Handle uncleaned containers in the same manner as the product itself.

14. TRANSPORT INFORMATION

International Regulations

- **IATA-DGR:** Not regulated as a dangerous good.
- **IMDG-Code:** Not regulated as a dangerous good.
- **IMO Instruments:** Not applicable for the product as supplied.

National Regulations

- **49 CFR Road:** Not regulated as a dangerous good.
- **Poison Inhalation Hazard:** No.

Special Precautions for User

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

Components CAS-No. Component TPQ (lbs)

SARA 311/312 Hazards

No SARA Hazards

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.

Pennsylvania Right To Know

N-[(3-chlorophenyl)methyl]-spiro[piperidine-4,2'(1'H)-quinoxalin]-3'-amine 950455-15-9

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

New Jersey Right To Know

N-[(3-chlorophenyl)methyl]-spiro[piperidine-4,2'(1'H)-quinoxalin]-3'-amine 950455-15-9

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: 2026/05/27

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.