

E7080 (Lenvatinib) SDS | MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** E7080 (Lenvatinib)
- **Catalog Number:** S1164
- **CAS Number:** 417716-92-8
- **IUPAC Name:** 1-(4-(6-carbamoyl-7-methoxyquinolin-4-yloxy)-2-chlorophenyl)-3-cyclopropylurea

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

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

- Reproductive toxicity (Category 2), H361
- Specific target organ toxicity - repeated exposure (Category 2), Gastro-intestinal system, Kidney, Bone, Reproductive organs, Adrenal gland, H373

GHS Label elements, including precautionary statements

Pictogram:



Signal Word: Warning

Hazard Statements

- H361: Suspected of damaging fertility or the unborn child.
- H373: May cause damage to organs (Gastro-intestinal system, Kidney, Bone, Reproductive organs, Adrenal gland) through prolonged or repeated exposure.

Precautionary Statements

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe dust.
- P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P308 + P313: IF exposed or concerned: Get medical advice/ attention.
- P405: Store locked up.
- P501: Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

None.

3. Composition/information on ingredients

Substances

- **Synonyms:** E 7080 mesylate
- **Formula:** C₂₂H₂₃CIN₄O₇S
- **Molecular weight:** 522.97 g/mol
- **CAS-No.:** 857890-39-2
- **Component:** Lenvatinib mesylate
- **Classification:** Repr. 2; STOT RE 2; H361, H373
- **Concentration:** <= 100 %

4. First aid measures

Description of first-aid measures

- **General advice:** Show this material safety data sheet to the doctor in attendance.
- **If inhaled:** After inhalation, move to fresh air. Call a physician.
- **In case of skin contact:** Take off immediately all contaminated clothing. Rinse skin with water/shower. Consult a physician.
- **In case of eye contact:** Rinse out with plenty of water. Remove contact lenses. Call an ophthalmologist.
- **If swallowed:** Immediately make victim drink water (two glasses at most). Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

N/A.

5. Firefighting measures

Extinguishing media

- **Suitable extinguishing media:** Water, Foam, Carbon dioxide (CO₂), Dry powder.
- **Unsuitable extinguishing media:** No limitations of extinguishing agents are given for this substance.

Special hazards arising from the substance or mixture

Hazardous decomposition products include carbon oxides, nitrogen oxides (NO_x), sulfur oxides, and hydrogen chloride gas. The substance is combustible. Development of hazardous combustion gases or vapors is possible in the event of fire.

Advice for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information

Suppress gases/vapors/mists with a water spray jet.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, and consult an expert. For personal protection see section 8.

Environmental precautions

No special precautionary measures necessary.

Methods and materials for containment and cleaning up

Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

Reference to other sections

For disposal see section 13.

7. Handling and storage

Precautions for safe handling

- **Advice on safe handling:** Work under a hood. Do not inhale substance/mixture.
- **Hygiene measures:** Change contaminated clothing. Preventive skin protection is recommended. Wash hands after working with the substance.

Conditions for safe storage, including any incompatibilities

- **Storage conditions:** Tightly closed. Dry. Keep locked up or in an area accessible only to qualified or authorized persons.
- **Recommended storage temperature:** 2 - 8 °C
- **Storage class (TRGS 510):** 11: Combustible powder

Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

8. Exposure controls/personal protection

Control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

- **Appropriate engineering controls:** Change contaminated clothing. Preventive skin protection is recommended. Wash hands after working with substance.
- **Eye/face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses.
- **Skin protection:** Handle with impervious gloves. Nitrile rubber gloves are recommended (minimum layer thickness: 0.11 mm; break through time: 480 min).
- **Body Protection:** Protective clothing.
- **Respiratory protection:** Required when dusts are generated. Recommended filter type: Filter type P3.
- **Control of environmental exposure:** No special precautionary measures necessary.

9. Physical and chemical properties

Information on basic physical and chemical properties

- a) **Appearance Form:** powder
- b) **Odor:** N/A
- c) **Odor Threshold:** N/A
- d) **pH:** N/A
- e) **Melting point/freezing point:** N/A
- f) **Initial boiling point and boiling range:** N/A
- g) **Flash point:** Not applicable
- h) **Evaporation rate:** N/A
- i) **Flammability (powder, gas):** N/A
- j) **Upper/lower flammability or explosive limits:** N/A
- k) **Vapor pressure:** N/A
- l) **Vapor density:** N/A
- m) **Density:** N/A; Relative density: N/A
- n) **Water solubility:** slightly soluble
- o) **Partition coefficient: n-octanol/water:** N/A
- p) **Autoignition temperature:** N/A
- q) **Decomposition temperature:** N/A
- r) **Viscosity:** N/A

- **s) Explosive properties:** Not classified as explosive.
- **t) Oxidizing properties:** none

Other safety information

N/A.

10. Stability and reactivity

Reactivity

In correspondingly fine distribution, when whirled up, a dust explosion potential may generally be assumed for flammable organic substances.

Chemical stability

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

Possibility of hazardous reactions

Violent reactions possible with strong oxidizing agents.

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

Information on toxicological effects

- **Acute toxicity:** N/A for oral, inhalation, or dermal routes.
- **Skin corrosion/irritation:** N/A.
- **Serious eye damage/eye irritation:** N/A.
- **Respiratory or skin sensitization:** N/A.
- **Germ cell mutagenicity:** N/A.
- **Carcinogenicity:** No ingredient 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:** Suspected of damaging the unborn child.
- **Specific target organ toxicity - single exposure:** N/A.
- **Specific target organ toxicity - repeated exposure:** May cause damage to organs through prolonged or repeated exposure (Gastro-intestinal system, Kidney, Bone, Reproductive organs, Adrenal gland).
- **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

- **12.1 Toxicity:** N/A.
- **12.2 Persistence and degradability:** N/A.
- **12.3 Bioaccumulative potential:** N/A.
- **12.4 Mobility in soil:** N/A.
- **12.5 Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
- **12.6 Endocrine disrupting properties:** N/A.
- **12.7 Other adverse effects:** N/A.

13. Disposal considerations

Waste treatment methods

- **Product:** Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

14. Transport information

- **DOT (US):** Not dangerous goods
- **IMDG:** Not dangerous goods
- **IATA:** Not dangerous goods
- **Further information:** 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

This material does not contain any components with a section 302 EHS TPQ.

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.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

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

The ingredients 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: 2026/07/01

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.