

CD38 inhibitor 1 (compound 78c) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** CD38 inhibitor 1 (compound 78c)
- **Catalog Number:** S8960
- **CAS Number:** 1700637-55-3
- **IUPAC Name:** 2(1H)-Quinolinone, 4-[[trans-4-(2-methoxyethoxy)cyclohexyl]amino]-1-methyl-6-(5-thiazolyl)-

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):
Not a hazardous substance or mixture.

GHS label elements:

Not a hazardous substance or mixture.

Other hazards:

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Substance

Components:

No hazardous ingredients

4. FIRST AID MEASURES

If inhaled: After inhalation, move to fresh air.

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of eye contact: After eye contact, rinse out with plenty of water. Remove contact lenses.

If swallowed: After swallowing, make victim drink water (two glasses at most). Consult a doctor if feeling unwell.

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.

Protection of first-aiders: For personal protection see section 8.

Notes to physician: N/A.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, Foam, Carbon dioxide (CO₂), Dry powder.

Unsuitable extinguishing media: For this substance/mixture, no limitations of extinguishing agents are given.

Specific hazards during fire fighting: Combustible. Development of hazardous combustion gases or vapors is possible in the event of fire.

Hazardous combustion products: Nature of decomposition products not known.

Specific extinguishing methods: N/A.

Further information: Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Avoid inhalation of powder. Evacuate the danger area, observe emergency procedures, and consult an expert.

Advice for emergency responders: For personal protection see section 8.

Environmental precautions: Do not let product enter drains.

Methods and materials for containment and cleaning up: Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of powder.

7. HANDLING AND STORAGE

Precautions for safe handling: For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities:

Storage conditions: Tightly closed. Dry.

Storage class: 11, Combustible powder.

Recommended storage temperature: See product label.

Further information on storage stability: Recommended storage temperature see product label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters: Contains no substances with occupational exposure limit values.

Engineering measures: N/A.

Personal protective equipment:

Respiratory protection: Required when powder is generated. Recommended filter type: Filter type P1. Filtering respiratory protection should be based on standards such as DIN EN 143, DIN 14387, and other accompanying standards.

Hand protection: Handle with nitrile rubber gloves. Full contact: 0.11 mm thickness, 480 min breakthrough time (KCL 741 Dermatril L). Splash contact: 0.11 mm thickness, 480 min breakthrough time (KCL 741 Dermatril L).

Eye protection: Use safety glasses tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hygiene measures: Change contaminated clothing. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: powder

Color: white to off-white

Odor: N/A

Odor Threshold: N/A

pH: N/A

Melting point: N/A

Boiling point/boiling range: N/A

Flash point: Not applicable

Evaporation rate: N/A

Flammability (powder, gas): N/A

Flammability (liquids): N/A

Burning rate: N/A

Upper explosion limit / Upper flammability limit: N/A

Lower explosion limit / Lower flammability limit: N/A

Vapor pressure: N/A

Relative vapor density: N/A

Relative density: N/A

Density: N/A

Water solubility: N/A

Partition coefficient: n-octanol/water: log Pow: ca. 1.9 (calculated). Bioaccumulation is not expected.

Autoignition temperature: N/A

Decomposition temperature: N/A

Viscosity, dynamic: N/A

Viscosity, kinematic: N/A

Flow time: N/A

Explosive properties: N/A

Oxidizing properties: none

Molecular weight: 413.53 g/mol

Particle size: N/A

10. STABILITY AND REACTIVITY

Reactivity: The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a powder explosion potential may generally be assumed.

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: N/A.

Hazardous decomposition products: In the event of fire: see section 5.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Oral: N/A

Inhalation: N/A

Dermal: N/A

Skin corrosion/irritation: N/A.

Serious eye damage/eye irritation: N/A.

Respiratory or skin sensitization: N/A.

Germ cell mutagenicity: N/A.

Carcinogenicity:

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

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity: N/A.

Specific target organ toxicity - single exposure: N/A.

Specific target organ toxicity - repeated exposure: N/A.

Aspiration hazard: N/A.

11.2 Additional Information: N/A.

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

Disposal methods:

Waste from residues: 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

International Regulations:

IATA-DGR: Not regulated as a dangerous good.

IMDG-Code: Not regulated as a dangerous good.

Transport in bulk according to IMO instruments: Not applicable for product as supplied.

National regulation:

49 CFR Road: Not regulated as a dangerous good.

Poison Inhalation Hazard: No.

Special precautions for user:

Remarks: 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.

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: 2026/06/30

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.