

AMG 510 (Sotorasib) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** AMG 510 (Sotorasib)
- **Catalog Number:** S8830
- **CAS Number:** 2296729-00-3
- **IUPAC Name:** Pyrido[2,3-d]pyrimidin-2(1H)-one, 6-fluoro-7-(2-fluoro-6-hydroxyphenyl)-1-[4-methyl-2-(1-methylethyl)-3-pyridinyl]-4-[(2S)-2-methyl-4-(1-oxo-2-propen-1-yl)-1-piperazinyl]-, (1R)-

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

This substance is not classified as a hazardous substance or mixture according to GHS criteria. There are no required hazard pictograms, signal words, or precautionary statements. However, it is noted as a physiologically highly active and therapeutically usable substance that must be handled with the care required for hazardous materials.

3. Composition/information on ingredients

The product is a pure substance with the following specifications:

- **Chemical Name/Formula:** Pyrido[2,3-d]pyrimidin-2(1H)-one, 6-fluoro-7-(2-fluoro-6-hydroxyphenyl)-1-[4-methyl-2-(1-methylethyl)-3-pyridinyl]-4-[(2S)-2-methyl-4-(1-oxo-2-propen-1-yl)-1-piperazinyl]-, (1R)-
- **Molecular Weight:** 560.61 g/mol
- **CAS-No.:** 2252403-56-6

No components need to be disclosed according to applicable regulations.

4. First aid measures

- **Inhalation:** Move to fresh air. Consult a physician if feeling unwell.
- **Skin Contact:** Immediately remove contaminated clothing. Rinse skin with water or shower and consult a physician.
- **Eye Contact:** Rinse thoroughly with plenty of water and remove contact lenses.
- **Ingestion:** Have the victim drink a maximum of two glasses of water and consult a physician immediately.
- **Symptoms:** The most important known symptoms include leukocytosis, lethargy, anemia, lip swelling, diarrhea, vomiting, and kidney or liver toxicity.

5. Firefighting measures

- **Extinguishing Media:** Use water, foam, carbon dioxide (CO₂), or dry powder. No limitations on extinguishing agents are specified.
- **Special Hazards:** The substance is combustible. In the event of fire, hazardous combustion gases such as carbon oxides, nitrogen oxides (NO_x), and hydrogen fluoride may be released.
- **Firefighting Advice:** Firefighters should wear self-contained breathing apparatus and suitable protective clothing. Maintain a safe distance to prevent skin contact.
- **Further Information:** Use water spray to suppress gases/vapors. Prevent firefighting water from entering surface or ground water systems.

6. Accidental release measures

- **Personal Precautions:** Avoid inhalation of powder. Ensure adequate ventilation and avoid contact with the substance. Evacuate the danger area and consult an expert.
- **Environmental Precautions:** Do not allow the product to enter drains.
- **Containment and Cleanup:** Cover drains. Collect and bind spills. Take up the material dry and dispose of it properly. Clean the affected area and avoid the generation of powder.

7. Handling and storage

- **Handling:** Follow the precautions outlined in section 2.2.
- **Storage:** Keep the container tightly closed in a dry location. The recommended storage temperature is between 2 - 30 °C.
- **Storage Class:** 11 (Combustible powder).
- **Specific End Use:** Laboratory chemicals and synthesis of substances.

8. Exposure controls/personal protection

- **Control Parameters:** Contains no substances with occupational exposure limit values.
- **Engineering Controls:** Change contaminated clothing. Use preventive skin protection and wash hands after handling.

- **Eye Protection:** Use safety glasses tested and approved under standards such as NIOSH (US) or EN 166 (EU).
- **Skin Protection:** Handle with impervious nitrile rubber gloves (minimum thickness 0.11 mm, break through time 480 min).
- **Body Protection:** Wear appropriate protective clothing.
- **Respiratory Protection:** A P3 filter is recommended and is required when powder is generated.
- **Environmental Exposure:** Do not let the product enter drains.

9. Physical and chemical properties

- **Appearance:** Form: powder
- **Odor/Odor Threshold:** N/A
- **pH:** N/A
- **Melting/Freezing Point:** N/A
- **Initial Boiling Point/Range:** N/A
- **Flash Point:** N/A
- **Evaporation Rate:** N/A
- **Flammability:** N/A
- **Vapor Pressure/Density:** N/A
- **Relative Density:** N/A
- **Water Solubility:** N/A
- **Partition Coefficient (n-octanol/water):** N/A
- **Autoignition/Decomposition Temperature:** N/A
- **Viscosity:** N/A
- **Explosive Properties:** N/A
- **Oxidizing Properties:** None

10. Stability and reactivity

- **Reactivity:** Flammable organic substances in fine distribution present a powder explosion potential when whirled up.
- **Chemical Stability:** Stable under standard ambient conditions (room temperature).
- **Hazardous Reactions:** Violent reactions are possible with strong oxidizing agents.
- **Conditions to Avoid:** No information available.
- **Incompatible Materials:** Strong oxidizing agents.
- **Hazardous Decomposition Products:** See section 5 for combustion products.

11. Toxicological information

- **Acute Toxicity:** N/A for oral, inhalation, or dermal routes.
- **Skin/Eye Corrosion:** N/A.

- **Sensitization:** N/A.
- **Carcinogenicity:** No components present at levels greater than or equal to 0.1% are identified as probable, possible, or confirmed human carcinogens by IARC, NTP, or OSHA.
- **Additional Information:** Exposure may lead to leukocytosis, lethargy, anemia, lip swelling, diarrhea, vomiting, kidney toxicity, and liver toxicity.

12. Ecological information

No specific data provided for this section.

13. Disposal considerations

Waste material must be disposed of in accordance with national and local regulations. Keep chemicals in original containers and do not mix with other waste. Uncleaned containers should be handled with the same precautions as 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: 2026/05/28

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.