

EPZ-6438 (Tazemetostat) SDS | MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** EPZ-6438 (Tazemetostat)
- **Catalog Number:** S7128
- **CAS Number:** 1403254-99-8
- **IUPAC Name:** [1,1'-Biphenyl]-3-carboxamide, N-[(1,2-dihydro-4,6-dimethyl-2-oxo-3-pyridinyl)methyl]-5-[ethyl(tetrahydro-2H-pyran-4-yl)amino]-4-methyl-4'-(4-morpholinylmethyl)-

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

2.1 Classification of the substance or mixture

The substance is not classified as a hazardous substance or mixture according to GHS criteria.

2.2 GHS Label elements, including precautionary statements

The product does not require hazard pictograms, signal words, hazard statements, or precautionary statements.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

None.

3. Composition/information on ingredients

3.1 Substances

Name: [1,1'-Biphenyl]-3-carboxamide, N-[(1,2-dihydro-4,6-dimethyl-2-oxo-3-pyridinyl)methyl]-5-[ethyl(tetrahydro-2H-pyran-4-yl)amino]-4-methyl-4'-(4-morpholinylmethyl)-

Molecular weight: 572.75 g/mol

CAS-No.: 1403254-99-8

No components need to be disclosed according to the applicable regulations.

4. First aid measures

4.1 Description of first-aid measures

- **If inhaled:** Move the person to fresh air.
- **In case of skin contact:** Immediately remove all contaminated clothing and rinse the skin with water or shower.
- **In case of eye contact:** Rinse thoroughly with plenty of water and remove contact lenses.
- **If swallowed:** Provide the victim with a maximum of two glasses of water. Consult a physician if the individual feels unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (Section 2.2) and/or Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

N/A.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media include water, foam, carbon dioxide (CO₂), and dry powder. There are no limitations on extinguishing agents for this substance.

5.2 Special hazards arising from the substance or mixture

The substance is combustible. In the event of a fire, hazardous combustion gases or vapors may be developed, including carbon oxides and nitrogen oxides (NO_x).

5.3 Advice for firefighters

Firefighters should wear self-contained breathing apparatus.

5.4 Further information

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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personnel should avoid the inhalation of **powder**. Evacuate the danger area, follow emergency procedures, and consult an expert. For personal protection, see Section 8.

6.2 Environmental precautions

Do not allow the product to enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains and collect spills by binding or pumping. Observe material restrictions as noted in Sections 7 and 10. Take up the material dry and dispose of it properly. Clean the affected area and avoid the generation of **powder**.

6.4 Reference to other sections

For disposal instructions, see Section 13.

7. Handling and storage

7.1 Precautions for safe handling

For precautions, see Section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed and in a dry location.

Storage class (TRGS 510): 11 (Combustible Solids).

7.3 Specific end use(s)

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

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

- **Appropriate engineering controls:** Change contaminated clothing and wash hands after handling the substance.
- **Eye/face protection:** Use safety glasses tested and approved under government standards such as NIOSH (US) or EN 166 (EU).
- **Skin protection:** Handle with impervious nitrile rubber gloves (minimum layer thickness: 0.11 mm; break through time: 480 min).
- **Respiratory protection:** A P1 filter is recommended when **powder** is generated. Maintenance, cleaning, and testing of respiratory devices must be documented according to the producer's instructions.
- **Control of environmental exposure:** Do not let the product enter drains.

9. Physical and chemical properties

9.1 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 (solid, 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: N/A
- 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

9.2 Other safety information

N/A.

10. Stability and reactivity

10.1 Reactivity

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

10.2 Chemical stability

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

10.3 Possibility of hazardous reactions

Violent reactions are possible with strong oxidizing agents.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

N/A.

10.6 Hazardous decomposition products

In the event of fire, see Section 5.

11. Toxicological information

11.1 Information on toxicological effects

- **Acute toxicity:** N/A for oral, inhalation, or dermal exposure.
- **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 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 exposure:** N/A.
- **Specific target organ toxicity - repeated exposure:** N/A.
- **Aspiration hazard:** N/A.

11.2 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 is not available as a chemical safety assessment was not required/conducted.

12.6 Endocrine disrupting properties

N/A.

12.7 Other adverse effects

N/A.

13. Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with national and local regulations. Leave chemicals in their original containers and do not mix with other waste. Handle uncleaned containers as if they contained 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 SOCOMI 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: 2026/05/20

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.