

GSK126 SDS | MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** GSK126
- **Catalog Number:** S7061
- **CAS Number:** 1346574-57-9
- **IUPAC Name:** 1-(S)-sec-butyl-N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-3-methyl-6-(6-(piperazin-1-yl)pyridin-3-yl)-1H-indole-4-carboxamide

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. Hazard(s) identification

The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

- **GHS label elements:** None
- **Hazard pictograms:** None
- **Signal word:** None
- **Hazard statements:** None
- **NFPA ratings (scale 0 - 4):** Health = 0, Fire = 0, Reactivity = 0.
- **HMIS-ratings (scale 0 - 4):** Health = 0, Fire = 0, Physical Hazard = 0.
- **Other hazards:** Results of PBT and vPvB assessment are not applicable. There are no known adverse physical or health effects.

3. Composition/information on ingredients

- **Chemical characterization:** Substances
- **CAS No. Description:** 1346574-57-9
- **Substance Name:** 1-(S)-sec-butyl-N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-3-methyl-6-(6-(piperazin-1-yl)pyridin-3-yl)-1H-indole-4-carboxamide

4. First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult a doctor in case of complaints.
- **After skin contact:** Generally, the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist, consult a doctor.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5. Fire-fighting measures

- **Extinguishing media:** Use fire-fighting measures that suit the environment. A solid water stream may be inefficient.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:** No special protective equipment required beyond standard measures.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Do not allow to enter sewers, surface, or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections:** See Section 7 for safe handling, Section 8 for personal protection equipment, and Section 13 for disposal information.
- **Protective Action Criteria for Chemicals (PAC):** Substance is not listed for PAC-1, PAC-2, or PAC-3.

7. Handling and storage

- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities:** Store in accordance with information listed on the product insert. No special requirements for storerooms and receptacles.
- **Specific end use(s):** No further relevant information available.

8. Exposure controls/personal protection

- **Control parameters:** Components with limit values that require monitoring at the workplace are not required.
- **Appropriate engineering controls:** No further data; see section 7.
- **Personal protective equipment:**
 - **General protective and hygienic measures:** Follow usual precautionary measures for handling chemicals.
 - **Breathing equipment:** Not required.
 - **Protection of hands:** Use impermeable and resistant gloves. Due to missing tests, no specific glove material recommendation can be provided.
 - **Eye protection:** Not required.

9. Physical and chemical properties

- **Physical state:** powder
- **Color:** Not determined.
- **Odor:** Characteristic
- **Structural Formula:** C₃₁H₃₈N₆O₂
- **Molecular Weight:** 526.7 g/mol
- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.
- **Flammability:** Product is not flammable.
- **Flash point:** Not applicable.
- **Decomposition temperature:** Not determined.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Solubility:** DMF: 25 mg/ml; DMF:PBS(pH 7.2)(1:1): 0.5 mg/ml; DMSO: 15 mg/ml; Ethanol: 2 mg/ml.
- **Solubility in Water:** Not determined.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Vapor pressure:** Not applicable.
- **Density:** Not determined.
- **Appearance Form:** powder

10. Stability and reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Strong oxidizing agents.

- **Hazardous decomposition products:** Carbon dioxide, carbon monoxide, nitrogen oxides.

11. Toxicological information

- **Acute toxicity:** No specific data provided.
- **Primary irritant effect:**
 - **On the skin:** No irritant effect.
 - **On the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** The substance is not subject to classification. When handled according to specifications, the product does not have any harmful effects based on experience and available information.
- **Carcinogenic categories:**
 - **IARC:** Substance is not listed.
 - **NTP:** Substance is not listed.
 - **OSHA-Ca:** Substance is not listed.

12. Ecological information

- **Toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities to reach ground water, water courses, or sewage systems.
- **Results of PBT and vPvB assessment:** Not applicable.

13. Disposal considerations

- **Waste treatment methods:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:** Disposal must be made according to official regulations.

14. Transport information

- **UN-Number (DOT, IMDG, IATA):** Not regulated.
- **UN proper shipping name (DOT, IMDG, IATA):** Not regulated.
- **Transport hazard class(es) (DOT, ADN, IMDG, IATA):** Not regulated.
- **Packing group (DOT, IMDG, IATA):** Not regulated.
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

15. Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

· Sara

· Section 355 (extremely hazardous substances): Substance is not listed.

· Section 313 (Specific toxic chemical listings): Substance is not listed.

· TSCA (Toxic Substances Control Act): Substance is not listed.

· Hazardous Air Pollutants Substance is not listed.

· Chemicals known to cause cancer: Substance is not listed.

· Chemicals known to cause reproductive toxicity for females: Substance is not listed.

· Chemicals known to cause reproductive toxicity for males: Substance is not listed.

· Chemicals known to cause developmental toxicity: Substance is not listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency) Substance is not listed.

· TLV (Threshold Limit Value) Substance is not listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health) Substance is not listed.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

Revision Date: 2026/06/26

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.