

Bemcentinib (R428) SDS | MSDS

1.PRODUCT AND COMPANY IDENTIFICATION

Product identifier

- **Product Name:** Bemcentinib (R428)
- **Catalog Number:** S2841
- **CAS Number:** 1037624-75-1
- **IUPAC Name:** 1H-1,2,4-Triazole-3,5-diamine, 1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-[(7S)-6,7,8,9-tetrahydro-7-(1-pyrrolidinyl)-5H-benzocyclohepten-2-yl]-

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

Classification of the substance or mixture:

GHS07: Acute toxicity - oral 4 H302 Harmful if swallowed.

Label elements:

The substance is classified and labeled according to the Globally Harmonized System (GHS).

Pictogram:



Signal word: Warning

Hazard statements:

H302 Harmful if swallowed.

Precautionary statements:

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.
- P330 Rinse mouth.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

- NFPA ratings (scale 0 - 4): Health = 2, Fire = 0, Reactivity = 0.
- HMIS-ratings (scale 0 - 4): Health = 2, Fire = 0, Reactivity = 0.

Other hazards:

- Results of PBT and vPvB assessment: Not applicable.
- Hazards not otherwise classified: There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3. Composition/information on ingredients

Chemical characterization: Substances

CAS No. Description: 1037624-75-1 1H-1,2,4-Triazole-3,5-diamine, 1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-[(7S)-6,7,8,9-tetrahydro-7-(1-pyrrolidinyl)-5H-benzocyclohepten-2-yl]-

4. First-aid measures

Description of first aid measures:

- **General information:** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident is recommended.
- **After inhalation:** Supply fresh air; consult 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:** Immediately call 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:

- **Suitable extinguishing agents:** 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:

- **Protective equipment:** No special measures required.

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 information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Protective Action Criteria for Chemicals:

- PAC-1: Substance is not listed.
- PAC-2: Substance is not listed.
- PAC-3: Substance is not listed.

7. Handling and storage

Precautions for safe handling:

No special precautions are necessary if used correctly. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid prolonged or repeated exposure. Keep away from sources of ignition. Take precautionary measures against static discharge.

Information about protection against explosions and fires:

No special measures required.

Conditions for safe storage, including any incompatibilities:

Keep container tightly closed. Store in accordance with information listed on the product insert.

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:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.

Exposure controls:

- **Appropriate engineering controls:** No further data; see section 7.
- **Personal protective equipment:**
 - **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
 - **Breathing equipment:** Not required.
 - **Protection of hands:** The glove material has to be impermeable and resistant to the product. Selection of the glove material should consider penetration times, rates of diffusion, and degradation.
 - **Material of gloves:** Selection of suitable gloves depends on the material and quality marks, varying from manufacturer to manufacturer.
 - **Penetration time of glove material:** The exact break through time has to be determined by the manufacturer and observed.
 - **Eye protection:** Not required.

9. Physical and chemical properties

Information on basic physical and chemical properties:

- **Physical state:** powder
- **Color:** Not determined.
- **Odor:** Characteristic
- **Structural Formula:** C₃₀H₃₄N₈
- **Molecular Weight:** 506.6 g/mol
- **Odor threshold:** Not determined.
- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.
- **Flammability:** Product is not flammable.
- **Explosion limits:** Lower: Not determined; Upper: Not determined.
- **Flash point:** Not applicable.
- **Decomposition temperature:** Not determined.
- **pH-value:** Not applicable.
- **Viscosity (Kinematic/Dynamic):** Not applicable.
- **Solubility in / Miscibility with Water:** Not determined.
- **Solubility (DMSO):** >5 mg/ml
- **Partition coefficient (n-octanol/water):** Not determined.
- **Vapor pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapor density:** Not applicable.

- **Particle characteristics:** Not determined.
- **Appearance (Form):** powder
- **Ignition temperature:** Not determined.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Evaporation rate:** Not applicable.

10. Stability and reactivity

Reactivity:

No further relevant information available.

Chemical stability:

Stable under recommended storage conditions.

Thermal decomposition / conditions to be avoided:

No decomposition 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 oxides, nitrogen oxides.

11. Toxicological information

Information on toxicological effects:

- **Acute toxicity:** Harmful if swallowed.
- **Primary irritant effect:**
 - **On the skin:** No irritant effect.
 - **On the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Interactive effects:** No interactive effects between components are known.

Carcinogenic categories:

- **IARC (International Agency for Research on Cancer):** Substance is not listed.
- **NTP (National Toxicology Program):** Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration):** Substance is not listed.

12. Ecological information

Toxicity:

- **Aquatic 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.

Results of PBT and vPvB assessment:

Not applicable.

Other adverse effects:

- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal considerations

Waste treatment methods:

- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

- **Recommendation:** 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 Class: 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.

UN "Model Regulation":

not regulated

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.

California Proposition 65:

- **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: 2026/07/14

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.