

# SB431542 SDS | MSDS

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

- **Product Name:** SB431542
- **Catalog Number:** S1067
- **CAS Number:** 301836-41-9
- **IUPAC Name:** 4-(4-(benzo[d][1,3]dioxol-5-yl)-5-(pyridin-2-yl)-1H-imidazol-2-yl)benzamide

### 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

Not a hazardous substance or mixture in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label Elements

Not a hazardous substance or mixture.

### Other Hazards

None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture:** Substance

**Chemical Name:** 4-(4-(benzo[d][1,3]dioxol-5-yl)-5-(pyridin-2-yl)-1H-imidazol-2-yl)benzamide

**Components:** No hazardous ingredients.

## 4. FIRST AID MEASURES

**If inhaled:** After inhalation: 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 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) and/or in section 11.

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

**Notes to physician:** N/A.

## 5. FIRE-FIGHTING MEASURES

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

**Hazardous combustion products:** Carbon oxides, Nitrogen oxides (NO<sub>x</sub>).

**Specific extinguishing methods:** N/A.

**Further information:** Suppress (knock down) gases/vapors/mists with a water spray jet. 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, 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.

**Conditions for safe storage:** Tightly closed. Dry.

**Storage class:** 11, Combustible Solids.

**Recommended storage temperature:** -4 °F / -20 °C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**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 P1. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.
- **Hand protection:** Handle with impervious gloves. Nitrile rubber gloves (0.11 mm thickness) are recommended for both full and splash contact (e.g., KCL 741 Dermatril® L), providing a breakthrough time of 480 min.
- **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, beige

**Odor:** N/A

**Odor Threshold:** N/A

**pH:** N/A

**Melting point:** N/A

**Boiling point/boiling range:** N/A

**Flash point:** N/A

**Evaporation rate:** N/A

**Flammability (solid, gas):** N/A

**Flammability (liquids):** N/A

**Burning rate:** N/A

**Upper/Lower explosion 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:** N/A

**Autoignition temperature:** N/A

**Decomposition temperature:** N/A

**Viscosity:** N/A

**Explosive properties:** N/A

**Oxidizing properties:** N/A

**Molecular weight:** 384.39 g/mol

**Particle size:** N/A

## 10. STABILITY AND REACTIVITY

**Reactivity:** N/A.

**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:** Strong acids, Strong bases.

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

## 11. TOXICOLOGICAL INFORMATION

**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 ingredient 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, ACGIH, 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.

**Additional Information:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## 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 material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

## 14. TRANSPORT INFORMATION

**DOT (49 CFR):** Not regulated as a dangerous good.

**IATA:** Not regulated as a dangerous good.

**IMDG:** Not regulated as a dangerous good.

**Transport in bulk:** Not applicable for product as supplied.

**Poison Inhalation Hazard:** No.

**Special precautions for user:** 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 311/312 Hazards**

No SARA Hazards

### **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.

#### **Pennsylvania Right To Know**

4-(4-(benzo[d][1,3]dioxol-5-yl)-5-(pyridin-2-yl)-1H-imidazol-2-yl)benzamide Not Assigned

#### **New Jersey Right To Know**

4-(4-(benzo[d][1,3]dioxol-5-yl)-5-(pyridin-2-yl)-1H-imidazol-2-yl)benzamide Not Assigned

#### **California Prop. 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**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:** 2026/06/10

**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.