

# Niraparib (MK-4827) SDS | MSDS

## 1.PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

- **Product Name:** Niraparib (MK-4827)
- **Catalog Number:** S2741
- **CAS Number:** 1038915-60-4
- **IUPAC Name:** (S)-2-(4-(piperidin-3-yl)phenyl)-2H-indazole-7-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. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

- Acute toxicity, oral (Category 4), H302
- Skin corrosion/irritation (Category 2), H315
- Serious eye damage/eye irritation (Category 2A), H319
- Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3), H335

### GHS Label elements, including precautionary statements

#### Pictogram:



**Signal word:** Warning

**Hazard statement(s):**

- H302 Harmful if swallowed
- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation

**Precautionary statement(s):**

- **Prevention:** P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection.

- **Response:** P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 Rinse mouth. P362+P364 Take off contaminated clothing and wash it before reuse.

- **Storage:** P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

- **Disposal:** P501 Dispose of contents/container in accordance with local regulation.

**Other hazards**

None.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substances**

- **Synonyms:** MK-4827
- **Formula:** (S)-2-(4-(piperidin-3-yl)phenyl)-2H-indazole-7-carboxamide
- **Molecular Weight:** 320.39
- **CAS No.:** 1038915-60-4

### 4. FIRST AID MEASURES

**Description of first aid measures**

- **Eye contact:** If Diphoterine is unavailable, rinse eyes with copious amounts of water for at least 20 minutes. Protect the uninjured eye. Remove contact lenses if present and easy to do. Continue rinsing and seek immediate medical attention.

- **Skin contact:** If Diphoterine is unavailable, wash immediately with plenty of soap and water. Remove contaminated clothing immediately and seek medical attention.

- **Inhalation:** Remove the person to fresh air and keep them comfortable for breathing. Call a poison center or physician if feeling unwell. If breathing is irregular or has stopped, administer artificial respiration.

- **Ingestion:** If accidentally swallowed, rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting.

**Most important symptoms and effects, both acute and delayed**

No known symptoms or effects.

**Indication of any immediate medical attention and special treatment needed**

No special immediate treatment required.

## 5. FIRE FIGHTING MEASURES

### Extinguishing media

- **Suitable extinguishing media:** Carbon dioxide, alcohol-resistant foam, dry chemical powder, or water.
- **Unsuitable extinguishing media:** No known unsuitable media.

### Special hazards arising from the substance or mixture

Thermal decomposition can lead to the release of irritating gases and vapours.

### Advice for firefighters

Firefighters should use personal protective equipment. Use extinguishing measures appropriate to local circumstances and the surrounding environment. Immediately evacuate personnel to safe areas and remove undamaged containers from the fire area if safe to do so.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid the formation of dust. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation and keep personnel away from the spill or leak.

### Environmental precautions

Prevent further leakage if safe to do so. Prevent the product from entering drains, waterways, or sewer systems. Avoid discharge into the environment.

### Methods and materials for containment and cleaning up

Absorb the spilled material with an inert absorbent (e.g., sand, silica gel, rag, vermiculite) before transferring it into an airtight container. Remove all sources of ignition. Dispose of material according to local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Wear appropriate personal protective equipment. Use only under a chemical fume hood. Keep away from heat, sparks, open flames, and hot surfaces. Take measures to prevent the build-up of electrostatic charge. Ensure adequate exhaust ventilation, especially if dust, aerosol, or fumes are generated. Avoid contact with skin, eyes, and clothing. Use anti-static and spark-proof equipment where possible. Maintain good industrial hygiene by washing hands before and after use.

### Conditions for safe storage, including any incompatibilities

Keep the container tightly sealed in a cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.

Recommended storage temperature:

- **powder:** -20°C for 3 years; 4°C for 2 years.

- **In solvent:** -80°C for 1 year; -20°C for 6 months.

Shipping at room temperature is acceptable if for less than 2 weeks.

#### **Specific end use(s)**

No specific end uses are advised; products are for research purposes only.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **Control parameters**

This product contains no substances with occupational exposure limit values.

#### **Exposure controls**

- **Engineering controls:** Use only under a chemical fume hood with adequate ventilation. Use explosion-proof electrical, ventilating, and lighting equipment. Ensure eyewash stations and safety showers are located near the workstation.

- **Personal protective equipment:**

- **Eye protection:** Safety goggles with side-shields.

- **Hand protection:** Protective gloves.

- **Skin and body protection:** Impervious clothing.

- **Respiratory protection:** Suitable respirator.

- **Hygiene measures:** Ensure hair or skin particles cannot enter the chemical container.

- **Environmental exposure controls:** Avoid discharge into the environment.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

#### **Information on basic physical and chemical properties**

- **Appearance:** powder

- **Odor:** N/A

- **Odor threshold:** N/A

- **pH:** N/A

- **Melting/freezing point:** 187-189°C

- **Boiling point/range:** 463.619°C at 760 mmHg

- **Flash point:** 234.188°C

- **Evaporation rate:** N/A

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

- **Upper/lower flammability or explosive limits:** N/A

- **Vapor pressure:** N/A

- **Vapor density:** N/A

- **Relative density:** 1.34g/cm<sup>3</sup>

- **Water Solubility:** N/A

- **Partition coefficient:** N/A

- **Auto-ignition temperature:** N/A
- **Decomposition temperature:** N/A
- **Viscosity:** N/A
- **Explosive properties:** N/A
- **Oxidizing properties:** N/A

**Other safety information**

N/A.

## **10. STABILITY AND REACTIVITY**

**Reactivity**

N/A.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal storage conditions.

**Conditions to avoid**

Heat, sparks, open flames, sources of ignition, and exposure to moisture.

**Incompatible materials**

Strong acids/alkalis, strong oxidising/reducing agents.

**Hazardous decomposition products**

Under fire conditions, the substance may decompose and emit toxic fumes. No other data available for other decomposition products.

## **11. TOXICOLOGICAL INFORMATION**

N/A

## **12. ECOLOGICAL INFORMATION**

N/A

## **13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

- **Product:** Ensure the product is disposed of by licensed waste carriers.

- **Contaminated packaging:** Ensure inner packaging is disposed of by licensed waste carriers. Some outer packaging may be recyclable if not contaminated.

## 14. TRANSPORT INFORMATION

- **DOT (US):** Proper shipping name: Not dangerous goods. UN number: -; Class: -; Packing group: -.
- **IMDG:** Proper shipping name: Not dangerous goods. UN number: -; Class: -; Packing group: -.
- **IATA:** Proper shipping name: Not dangerous goods. UN number: -; Class: -; Packing group: -.

## 15. REGULATORY INFORMATION

SARA 302 Components:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

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.

SARA 311/312 Hazards:

No SARA Hazards.

Massachusetts Right To Know Components:

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components:

No components are subject to the Pennsylvania Right to Know Act.

New Jersey Right To Know Components:

No components are subject to the New Jersey Right to Know Act.

California Prop. 65 Components:

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

harm.

## 16. OTHER INFORMATION

**Revision Date:** 2026/07/10

**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.