

# (1-Phenyl-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-hydrazine: sc-273454



The Power to Question

## MATERIAL SAFETY DATA SHEET

### 1. Product Information

**Product Name:** (1-Phenyl-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-hydrazine

**Product Number:** sc-273454

**Supplier:** Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, CA 95060  
800.457.3801 or 831.457.3800

**Emergency:** ChemWatch  
Within the US & Canada: 877-715-9305  
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

### 2. Composition/Information on Ingredients

**Chemical Formula:** C<sub>11</sub>H<sub>10</sub>N<sub>6</sub>

**Molecular Weight:** 226.24

**CAS Number:** 68380-54-1

### 3. Hazards Identification

**Indication of danger:** N/A

**Signal word:** N/A

**R-phrases(s):** N/A

**Hazard statement:** N/A

**Precautionary statements:**

- P404 Store in a closed container
- P202 Do not handle until all safety precautions have been read and understood
- P270 Do not eat, drink or smoke when using this product
- S24/25 Avoid contact with skin and eyes
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
- S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
- S41 In case of fire and/or explosion do not breathe fumes
- S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
- S3/7/9 Keep container tightly closed in a cool, well-ventilated place

**Special note:**

N/A

### 4. First Aid Measures

**Inhalation:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

**Skin contact:**

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Eye contact:**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Ingestion:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

## 5. Fire Fighting Measures

### Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

### Specific hazards:

May emit toxic fumes under fire conditions.

### Specific methods:

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: remove movable containers if safe to do so.

### Special protective equipment for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental Release Measures

### Personal precaution procedures to be followed in case of leak or spill:

Evacuate area.

### Procedure(s) of personal precaution(s):

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

### Methods for cleaning up:

Wipe dry, place a rag in a bag and hold for waste disposal. Avoid fumes inhaling. Ventilate area and wash spill site after material pickup is complete.

## 7. Handling and Storage

### Handling:

Handling is performed in a well ventilated place. Wear suitable protective equipment. Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Wash hands and face thoroughly after handling.

### Storage:

Keep container tightly closed. Avoid overheating. Store in a dark place at room temperature.

**Special requirements:** N/A

## 8. Exposure Controls / Personal Protection

### Engineering controls:

Install a closed system or local exhaust as possible so that workers should not be exposed directly. Install safety shower and eye bath.

### General hygiene measures:

Wash hands thoroughly after handling.

### Personal protective equipment

#### Respiratory Protection:

Government approved respirator.

#### Hand Protection:

Compatible chemical-resistant gloves.

#### Eye Protection:

Chemical safety goggles.

#### Skin and body protection:

Protective clothing. Protective boots, if the situation requires.

## 9. Physical and Chemical Properties

Physical state (20°C):	Solid	pH:	N/A
MP/MP Range (°C):	193 - 197	Flash Point:	N/A
Flammability:	N/A	Autoignition Temp:	N/A
Oxidizing Properties:	N/A	Explosive Properties:	N/A
Explosion Limits:	N/A	Vapor Pressure:	N/A
SG/Density:	N/A	Partition Coefficient:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
Decomposition Temp.:	N/A	Solubility:	N/A

## 10. Stability and Reactivity

### Stability:

Stable under specified storage temperature.

### Materials to Avoid:

Strong oxidizing agents.

### Hazardous Decomposition Products:

Carbon monoxide, Carbon dioxide, Nitrogen oxides

### Hazardous Polymerization:

Will not occur

## 11. Toxicological Information

Toxicological properties were not fully evaluated.

## 12. Ecological Information

N/A

## 13. Disposal Considerations

### Substance disposal:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## 14. Transport Information

Non-hazardous for air and ground transportation. Use appropriate safety measures.

## 15. Regulatory Information

Indication of danger: N/A

R-phrases: N/A

Hazard statement: N/A

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## 16. Other Information

*The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

5/14/2014