

2-(chloromethyl)-4,5-dihydro-1H-imidazole hydrochloride: sc-273971



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 2-(chloromethyl)-4,5-dihydro-1H-imidazole hydrochloride
Product Number: sc-273971
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. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Acute toxicity, Oral (Category 5)
Acute toxicity, Dermal (Category 5)
Acute toxicity, Inhalation (Category 5)

GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H333 May be harmful if inhaled

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: 1H-imidazole, 2-(chloromethyl)-4,5-dihydro-, monohydrochloride
Formula: C₄H₇ClN₂·HCl
Molecular weight: 155.03
CAS #: 13338-49-3

4. FIRST AID MEASURES

If inhaled

Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.

In case of skin contact

After contact with skin, wash with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Seek medical attention.

In case of eye contact

IMMEDIATELY flush Eyes with running water for at least 15 minutes while keeping eyes open. COLD water may be used. Seek medical attention.

If swallowed

Do not induce vomiting. Give water to victim to drink. Seek medical attention.

5. FIREFIGHTING MEASURES**Suitable extinguishing media**

carbon dioxide, dry chemical powder, alcohol or polymer foam.

Hazardous combustion products

Emits toxic fumes under fire conditions.

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 precautions**

Use personal protective equipment. Avoid breathing fumes, vapors, mists or gas. Ventilate area. Remove all sources of ignition. Evacuate personal.

Environmental precautions

Prevent further leakage if safe to do so.

Methods and materials for containment and clean up

Absorb spills on sand or vermiculite and place in closed container for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

Avoid prolonged use. Avoid all direct contact with material. Wash thoroughly after handling.

Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Store at room temperature.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment**Respiratory protection**

Ensure adequate ventilation during use. Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the exposure limits.

Hand protection

Wear chemical-resistant gloves.

Skin and body protection

Wear protective clothing and boots.

Eye protection

Wear protective safety goggles or face shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hygiene measures

Avoid all direct contact with product. After contact with skin, wash immediately.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Boiling Point	no data available
Melting Point	195-197 °C	Density	no data available
Flash Point	no data available	Refractive Index	no data available

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

no data available

Materials to avoid

Strong oxidizing agents, strong acids, and strong bases.

Hazardous decomposition products

May evolve carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen chloride.

11. TOXICOLOGICAL INFORMATION**Acute Toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity- single exposure

no data available

Specific target organ toxicity- repeated exposure

no data available

Aspiration hazard

no data available

Potential Health Effects

May be harmful by ingestion and inhalation. Irritating to skin, eyes, and respiratory system.

Further information

To the best of our knowledge, the toxicological properties of this product have not been fully determined.

12. ECOLOGICAL INFORMATION**Toxicity**

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Dissolve in 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 laws.

14. TRANSPORT INFORMATION**DOT (US)**

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION**SARA 302 Components**

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

SARA 313 Components

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.

New Jersey Right To Know Components

2-(Chloromethyl)-4,5-dihydro-1H-imidazole hydrochloride

CAS-No. 13338-49-3

California Prop. 65 Components

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

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.

01/08/2014