

4,5-Dihydro-2-methoxy-1H-imidazole: sc-210177



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1

Chemical Name 4,5-Dihydro-2-methoxy-1H-imidazole

Catalog Nbr sc-210177

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 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

Section 2 - Hazardous Ingredients/Identity Information

The Toxicological Properties have not been thoroughly investigated. EXERCISE DUE CARE!

Section 3 - Physical/Chemical Characteristics

<i>Boiling Point</i>	N/A	<i>Apearance and Odor</i>	White Powder
<i>Vapor Pressure</i>	N/A	<i>Specific Gravity(H₂O=1)</i>	N/A
<i>Vapor Density</i>	N/A	<i>Melting Point</i>	N/A
<i>Solubility in Water</i>	N/A	<i>Evaporation Rate (Butyl Acetate=1)</i>	N/A

Section 4 - Reactive Data

<i>Stability</i>	Good, temperature sensitive	<i>Incompatability (Materials to Avoid)</i>	Strong oxidizing agents
<i>Conditions to Avoid</i>	Strong oxidizers	<i>Hazardous Polymerization</i>	will not occur
<i>Hazardous Decomposition or Byproducts</i>	Toxic fumes of carbon dioxide, carbon monoxide and nitrogen oxides		

Section 5 - Control Measures

<i>Respiratory Protection</i>	Niosh/Msha approved respirator	<i>Ventilation</i>	hood
<i>Protective Gloves</i>	Chemical resistant gloves	<i>Eye Protection</i>	chemical safety goggles
<i>Other Protective Clothing</i>	lab coats or apron	<i>Other Protection</i>	safety shower & eye bath

Section 6 - First Aid Measures

<i>Inhalation</i>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<i>Skin</i>	In case of contact, immediately flush eyes or skin with copious amountht of water for at least 15 minutes while removing contaminated clothing and shoes.
<i>Ingestion</i>	Wash out mouth with water provided person is conscious. Call a physician immediately.
<i>Eyes</i>	In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

A multifunctional label for use in proteomics studies that is both lysine-specific and increases the overall sequence coverage obtained in peptide mapping experiments by increasing the ionization efficiencies of lysine-terminated tryptic fragments. A labeling reagent for enhanced protein characterization with mass spectrometry.

Medical Conditions
Generally Aggravated by
Exposure

The toxicological properties have not been thoroughly investigated.

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in
Case Material is
Released or Spilled

Wear appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area & wash spill site after pick-up is complete. Place waste in a bag & hold for disposal.

Waste Disposal Method

Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

Precautions to Be
Taken in Handling
and Storage

Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting
Procedures

wear self contained breathing apparatus and protective clothing to prevent contact with skins and eyes.

Unusual Fire and
Explosion Hazards

emits toxic fumes under fire conditions

Section 10 - Transportation Information and regulatory information

DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We will not be held responsible for any damage resulting from handling or contact with the chemical described.

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.