



The Power to Question

# O-Desmethyl Metoprolol: sc-208119

## Material Safety Data Sheet

### Section 1

<i>Chemical Name</i>	<b>O-Desmethyl Metoprolol</b>		
<i>Synonyms</i>	<b>4-[2-Hydroxy-3-[(1-methylethyl)amino]propoxy]-benzeneethanol; (+/-)-4-[2-Hydroxy-3-(isopropylamino)propoxy]phenylethyl Alcohol; (+/-)-O-Demethylmetoprolol; H 105/22; SL 80-0088;</b>		
<i>Catalog Nbr</i>	<b>sc-208119</b>		
<i>Cas Reg. No</i>	<b>62572-94-5</b>		
<i>Supplier</i>	<b>Santa Cruz Biotechnology, Inc.</b>	<i>Emergency</i>	<b>ChemWatch</b>
	<b>2145 Delaware Avenue</b>		<b>Within the US &amp; Canada: 877-715-9305</b>
	<b>Santa Cruz, California 95060</b>		<b>Outside the US &amp; Canada: +800 2436 2255</b>
	<b>800.457.3801 or 831.457.3800</b>		<b>(1-800-CHEMCALL) or call +613 9573 3112</b>

### Section 2 - Hazardous Ingredients/Identity Information

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

### Section 3 - Physical/Chemical Characteristics

<i>Boiling Point</i>	<b>N/A</b>	<i>Apearance and Odor</i>	<b>Off-White Solid</b>
<i>Vapor Pressure</i>	<b>N/A</b>	<i>Specific Gravity(H<sub>2</sub>O=1)</i>	<b>N/A</b>
<i>Vapor Density</i>	<b>N/A</b>	<i>Melting Point</i>	<b>70-72°C</b>
<i>Solubility in Water</i>	<b>N/A</b>	<i>Evaporation Rate (Butyl Acetate=1)</i>	<b>N/A</b>

### Section 4 - Reactive Data

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

### Section 5 - Control Measures

<i>Respiratory Protection</i>	<b>Niosh/Msha approved respirator</b>	<i>Ventilation</i>	<b>Use in fume hood</b>
<i>Protective Gloves</i>	<b>chemical resistant gloves</b>	<i>Eye Protection</i>	<b>safety goggles</b>
<i>Other Protective Clothing</i>	<b>lab coat, apron</b>	<i>Other Protection</i>	<b>Safety shower and eyewash</b>

### Section 6 - First Aid Measures

<i>Inhalation</i>	<b>If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.</b>
<i>Skin</i>	<b>In case of skin contact, flush with copious amounts of water for atleast 15 minutes. Remove contaminated clothing and shoes. Call a physician.</b>
<i>Ingestion</i>	<b>If swallowed, wash out mouth with water provided person is conscious. Call a physician.</b>
<i>Eyes</i>	<b>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.</b>

## Section 7 - Health Hazard Data

*Health Hazards  
(Acute and Chronic)*

### 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.

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

A metabolite of Metoprolol.

*Medical Conditions  
Generally Aggravated by  
Exposure*

To the best of our knowledge, the chemical, physical, and 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 respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust.

*Waste Disposal Method*

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.

*Precautions to Be  
Taken in Handling  
and Storage*

Keep tightly closed. Store in freezer.

## Section 9 - Fire and Explosion Hazard Data

*Extinguishing Media*

Water spray. Carbon Dioxide, dry chemical powder or appropriate foam.

*Special Fire Fighting  
Procedures*

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

*Unusual Fire and  
Explosion Hazards*

Emits toxic fumes under fire conditions.

## Section 10 - Transportation Information and regulatory information

### Transportation 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.*