

# 4-Methoxy Propranolol: sc-210107



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical and Company Information

Chemical Name	4-Methoxy Propranolol		
Catalog Number	sc-210107		
CAS#	18507-09-0		
Synonyms	1-[(4-Methoxy-1-naphthalenyl)oxy]-3-[(1-methylethyl)amino]- 2-propanol; 1-(Isopropylamino)-3-[(4-methoxy-1-naphthyl)oxy]-2-propanol;		
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

Boiling Point	N/A	Appearance and Odor	White Solid
Vapor Pressure	N/A	Specific Gravity(H <sub>2</sub> O=1)	N/A
Vapor Density	N/A	Melting Point	98-100°C
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

### Section 4 - Reactive Data

Stability	stable	Incompatibility (Materials to Avoid)	strong oxidizing agents
Conditions to Avoid	strong oxidizing agents		
Hazardous Decomposition or Byproducts	carbon monoxide, carbon dioxide, nitrogen oxides	Hazardous Polymerization	will not occur

### Section 5 - Control Measures

Respiratory Protection	niosh/msha approved respirator	Ventilation	hood
Protective Gloves	rubber gloves	Eye Protection	safety goggles
Other Protective Clothing	lab coat/apron	Other Protection	safety eye wash

### Section 6 - First Aid Measures

Inhalation	if inhaled, remove to fresh air. if breathing becomes difficult, call a physician.		
Skin	in case of skin contact, flush with copious amounts of water for at least 15 minutes. remove contaminated clothing and shoes.		
Ingestion	in swallowed, wash out mouth with water provided person is conscious. call a physician.		
Eyes	in case of contact with eyes, flush with copious amounts of water for at least 15 min.. assure adequate flushing by separating eyelids.		

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

Ingestion: May be harmful if swallowed.

#### SIGNS AND SYMPTOMS OF EXPOSURE

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

Intermediate to make 4-Hydroxy Propranolol.

*Medical Conditions Generally Aggravated by Exposure* to the best of our knowledge the chemical, physical, and toxicological properties have not been thoroughly investigated. exercise due care.

## Section 8 - Precautions for Safe Handling and Use

*Steps to be Taken in Case Material is Released or Spilled* wear protective equipment. sweep up, place in a bag and hold for waste disposal. avoid raising dust. ventilate area and wash spill site after material pickup is complete.

*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* mechanical exhaust required. do not breath dust. avoid contact with eyes, skin and clothing. keep tightly closed. store in a cool dry place.

## 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* Toxic fumes are emitted under fire conditions consisting of carbon monoxide, carbon dioxide, nitrogen oxides, and sulfur dioxide.

## 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 complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

10/29/2010