

Montelukast Sulfoxide(Mixture of Diastereomers): sc-211926



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name Montelukast Sulfoxide(Mixture of Diastereomers)

Synonyms 1-[[[1-[3-[2-(7-Chloro-2-quinolinyl)ethenyl]phenyl]-3-[2-(1-hydroxy-1-methylethyl)phenyl]propyl]sulfinyl]methyl]cyclopropaneacetic Acid;

Catalog Nbr sc-211926

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800

Cas Reg. No 909849-96-3

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 of this compound have not been thoroughly investigated

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A	Appearance and Odor Light Yellow Solid
Vapor Pressure N/A	Specific Gravity(H₂O=1) N/A
Vapor Density N/A	Melting Point 95-97°C
Solubility in Water N/A	Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability Stable	Incompatability (Materials to Avoid) Strong oxidizing agents
Conditions to Avoid Strong oxidizing agents	Hazardous Polymerization will not occur
Hazardous Decomposition or Byproducts toxic fumes of Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides and hydrogen chloride gas	

Section 5 - Control Measures

Respiratory Protection Niosh/Msha approved respirator	Ventilation hood
Protective Gloves chemical resistant gloves	Eye Protection chemical safety goggles
Other Protective Clothing lab coat, apron	Other Protection safety shower and eye bath

Section 6 - First Aid Measures

Inhalation If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen in a non-flammable area.

Skin In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.

Ingestion If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.

Eyes In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes, separating the eyelids with fingers.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

The 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: Material may be irritating to mucous membranes and upper respiratory tract. Toxic if inhaled.

Ingestion: Harmful if swallowed.

*Medical Conditions
Generally Aggravated by
Exposure*

The toxicological properties have not yet been thoroughly investigated
may cause eye irritation, may cause skin irritation

Section 8 - Precautions for Safe Handling and Use

*Steps to be Taken in
Case Material is
Released or Spilled*

Wear appropriate chemical resistant apparel. Ventilate area and wash spill site after pick up is complete.
Place waste in bag and dispose according to local, provincial and federal regulations.

Waste Disposal Method

Burn in a chemical incinerator equipped with an afterburner and scrubber. Abide to local, provincial and federal regulations.

*Precautions to Be
Taken in Handling
and Storage*

Avoid contact and inhalation. Keep tightly closed. Restrict handling to qualified personnel.

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

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.

7/20/2010