

2,3-Dehydro Simvastatin Acid Sodium Salt: sc-209300



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1

Chemical Name 2,3-Dehydro Simvastatin Acid Sodium Salt

Synonyms (2E,5R)-7-[(1S,2S,6R,8S,8aR)-8-(2,2-dimethyl-1-oxobutoxy)-1,2,6,7,8,8a-hexahydro-2,6-dimethyl-1-naphthalenyl]-5-hydroxy-2-heptenoic Acid Sodium Salt;

Catalog Nbr sc-209300

Cas Reg. No 393825-04-2

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 of this compound have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A

Vapor Pressure N/A

Vapor Density N/A

Solubility in Water N/A

Molecular Formula C₂₅H₃₇NaO₅

Molecular Weight 440.5

Appearance and Odor

Light Beige Solid

Specific Gravity(H₂O=1)

N/A

Melting Point

90-95°C

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability Stable in freezer at -20°C, hygroscopic and moisture sensitive store under inert gas

**Incompatibility
(Materials to Avoid)**

Strong oxidizing agents,

Conditions to Avoid Strong oxidizers

**Hazardous
Decomposition or
Byproducts** carbon monoxide, carbon dioxide,

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

eye safety wash

Section 6 - First Aid Measures

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion Wash out mouth with water provided person is conscious. Call a physician immediately.

Eyes 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)

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.

SIGNS AND SYMPTOMS OF EXPOSURE

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

An impurity arising in the synthesis of Simvastatin.

Medical Conditions
Generally Aggravated by
Exposure

The toxicological properties of this compound 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 appropriate chemical resistant apparel. Evacuate area. Avoid raising dust during clean-up. Absorb on sand or vermiculite and place in closed containers 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. Store at -20° C.

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 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.