

11 β ,16 α ,17 α ,21-Tetrahydroxypregna-1,4-diene-3,20-dione: sc-206274



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name 11 β ,16 α ,17 α ,21-Tetrahydroxypregna-1,4-diene-3,20-dione

Catalog Number sc-206274

CAS# 13951-70-7

Synonyms 16 α -hydroxyprednisolone

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 tested, exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	White Crystalline Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	N/A
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	Stable	Incompatibility (Materials to Avoid)	Oxidizing Agents
Conditions to Avoid	strong oxidizers		
Hazardous Decomposition or Byproducts	Toxic fumes of carbon monoxide, carbon dioxide	Hazardous Polymerization	will not occur

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 or 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.

Skin In case of contact, immediately rinse with copious amounts of water for 15 minutes, remove contaminated clothing and shoes

Ingestion If swallowed, rinse mouth out with water provide the person is conscious. seek medical attention

Eyes In case of contact, 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)

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.

SIGNS AND SYMPTOMS OF EXPOSURE

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

CONDITIONS AGGRAVATED BY EXPOSURE

The toxicological properties have not been thoroughly investigated.

<i>Medical Conditions Generally Aggravated by Exposure</i>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.
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Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.
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<i>Waste Disposal Method</i>	dissolve or mix 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
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<i>Precautions to Be Taken in Handling and Storage</i>	Do not get in eyes, skin, clothing. Do not pipet by mouth. Do not breathe vapor. Keep tightly closed. Wash thoroughly after handling. Refrigerate. Store below 0° C
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Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	Extinguishing Media: water spray. Carbon Dioxide, Dry Chemical Powder, Alcohol or Polymer Foam.
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<i>Special Fire Fighting Procedures</i>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
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<i>Unusual Fire and Explosion Hazards</i>	Emits toxic fumes
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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.

8/31/2010