

# Deoxy Arteether: sc-211235



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical and Company Information

**Chemical Name** Deoxy Arteether

**Synonyms** (2S,3R,3aS,6R,6aS,9S,10aR,10bR)-2-Ethoxydecahydro-3,6,9-trimethyl-0aH-9,10b-Epoxyprano[4,3,2-jk][2]benzoxepin; Chemal 331; Desoxyarteether A;

**Catalog Nbr** sc-211235

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

**Cas Reg. No** 112297-79-7

**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

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

**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** 68-70°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 oxidizers

**Hazardous Decomposition or Byproducts** toxic fumes of: Carbon dioxide, carbon monoxide,

**Hazardous Polymerization** will not occur

### Section 5 - Control Measures

**Respiratory Protection** NIOSH/MSHA approved respirator

**Ventilation** chemical fume hood

**Protective Gloves** rubber gloves

**Eye Protection** chemical safety goggles

**Other Protective Clothing** lab coat/apron

**Other Protection** eye safety wash

### 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 wash skin with soap and copious amounts of water.

**Ingestion** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Eyes** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

### Section 7 - Health Hazard Data

**Health Hazards**  
(Acute and Chronic)

#### ROUTE OF EXPOSURE

**Skin Contact:** May cause skin irritation.

**Skin Absorption:** Harmful if absorbed through skin.

**Eye Contact:** May cause eye irritation.

**Inhalation:** Harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

**Ingestion:** 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.

A metabolite of Arteether. Artemisinin analogue; antimalarial agent.

<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. please 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 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.
<i>Waste Disposal Method</i>	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.
<i>Precautions to Be Taken in Handling and Storage</i>	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

<i>Extinguishing Media</i>	water spray. carbon dioxide, dry chemical powder or appropriate foam.
<i>Special Fire Fighting Procedures</i>	wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<i>Unusual Fire and Explosion Hazards</i>	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.*

6/24/2010