

17-Amino Geldanamycin: sc-206283



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name 17-Amino Geldanamycin

Catalog Number sc-206283

CAS# 64202-81-9

Synonyms NSC 255109

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

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	Solid
Vapor Pressure	N/A	Weight	545.62
Vapor Density	N/A	Specific Gravity(H ₂ O=1)	N/A
Solubility in Water	N/A	Melting Point	178-180°C
Formula	C ₂₈ H ₃₉ N ₃ O ₈	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 Polymerization	will not occur
Hazardous Decomposition or Byproducts	Carbon monoxide, carbon dioxide, nitrogen oxides		

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)

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract.

Multiple Routes: May be harmful by inhalation, ingestion, or skin absorption.

SIGNS AND SYMPTOMS OF EXPOSURE

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

The active metabolite of 17-(Allylamino)geldanamycin (17AAG).

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

<i>Steps to be Taken in Case Material is Released or Spilled</i>	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.
<i>Waste Disposal Method</i>	Burn in a chemical incinerator equipped with an afterburner and scrubber. Abide to local, provincial and federal regulations.
<i>Precautions to Be Taken in Handling and Storage</i>	Avoid contact and inhalation. Keep tightly closed. Restrict handling to qualified personnel. Store at -20° C.

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 all inclusive and shall be used only as a guide. We will not be held responsible for any damage resulting from handling or contact with the chemical described.

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.

2/16/2012