

5-Aminouridine, Hydrochloride: sc-206991



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

5-Aminouridine, Hydrochloride

CAS Reg. Number:

116154-74-6

Catalog Number:

sc-206991

Supplier:

Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 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 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(H₂O=1):

N/A

Solubility in Water:

yes

Melting Point:

>210° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

Stable

Incompatibility (Materials to Avoid):

Strong oxidizers

Conditions to Avoid:

strong oxidizers

Hazardous Decomposition or Byproducts:

Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

Use in 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:**

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

Skin:

Rinse with copious amounts of water for 15 minutes. Remove contaminated clothing and shoes.

Ingestion:

Rinse mouth out with water, provided the person is conscious. Seek medical attention.

Eyes:

Flush eyes with copious amounts of water, separating eyelids with fingers.

Section 7 - Health Hazard Data**Health Hazards (Acute and Chronic):**

ROUTE OF EXPOSURE Skin Contact: Causes skin irritation. Skin Absorption: Harmful if absorbed through skin. Eye Contact: Causes eye irritation. Inhalation: May be harmful if inhaled. Material is irritating to mucous membranes and upper respiratory tract. Ingestion: Harmful if swallowed. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Medical Conditions Generally Aggravated by Exposure:

The toxicological properties have not been thoroughly investigated. Exercise due care. Selective inhibitor of protein kinase C activity and phorbol dibutyrate binding in vitro in human platelets; does not inhibit protein kinase A or myosin light chain kinase; inhibits calmodulin-dependent enzymes; natural isomer of sphingosine.

Section 8 - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled:**

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.

Waste Disposal Method:

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.

Precautions to Be Taken in Handling and Storage:

Store in a cool, dry place. Avoid prolonged, repeated exposure. Wash after handling. Wear chemical safety goggles, chemical resistant gloves, and NIOSH/MSHA-approved respirator.

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.

06/29/2010