

2,3,4-Tri-O-acetyl- α -D-glucuronic Acid Methyl Ester: sc-209313



MATERIAL SAFETY DATA SHEET

The Power to Question

Section 1 - General Information

Chemical Name:

2,3,4-Tri-O-acetyl- α -D-glucuronic Acid Methyl Ester

Catalog Number:

sc-209313

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 of this compound have not been thoroughly investigated

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Form:

Solid

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Molecular Formula:

C₁₃H₁₈O₁₀

Solubility in Water:

YES

Melting Point:

103–105° C

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Molecular Weight:

334.28

Section 4 - Reactive Data

Stability:

Stable at -20°C

Incompatibility (Materials to Avoid):

Strong oxidizing agents, strong acids

Conditions to Avoid:

strong acids

Hazardous Decomposition or Byproducts:

Carbon monoxide, carbon dioxide, nitrogen oxides

Hazardous Polymerization:

will not occur

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Protective Gloves:

Chemical resistant gloves

Other Protective Clothing:

Lab coat or apron

Ventilation:

Hood

Eye Protection:

chemical safety goggles

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.

Medical Conditions Generally Aggravated by Exposure:

The toxicological properties have not yet been thoroughly investigated

Section 8 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:

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.

Waste Disposal Method:

Burn in a chemical incinerator equipped with an afterburner and scrubber. Abide to local, provincial and federal regulations.

Precautions to Be Taken in Handling and Storage:

Avoid contact and inhalation. Keep tightly closed. Restrict handling to qualified personnel.

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.