

4-Aminophenyl 2-Acetamido-2-deoxy- β -D-glucopyranoside: sc-209947



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - CHEMICAL AND COMPANY INFORMATION

Chemical Name	4-Aminophenyl 2-Acetamido-2-deoxy- β -D-glucopyranoside		
Synonyms	4-Aminophenyl 2-(Acetylamino)-2-deoxy- β -D-glucopyranoside; p-Aminophenyl 2-Acetamido-2-deoxy- β -D-glucopyranoside; p-Aminophenyl-N-acetyl- β -D-glucosaminide;		
Catalog Nbr	sc-209947		
Cas Reg. No	14419-59-1		
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	Tan Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	218-221°C
Solubility in Water	Yes	Evaporation Rate (Butyl Acetate=1)	N/A
Molecular Formula	C ₁₄ H ₂₀ N ₂ O ₆		
Molecular Weight	312.32		

Section 4 - Reactive Data

Stability	Stable, hygroscopic store under inert gas	Incompatibility (Materials to Avoid)	Oxidizing Agents, Acids
Conditions to Avoid	Strong oxidizing agents		
Hazardous Decomposition or Byproducts	Toxic fumes of Carbon Monoxide, Carbon dioxide and Nitrogen oxides	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)

The toxicological properties have not been thoroughly investigated. Exercise due care.

Skin Contact: May Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

N-Acetylglucosamine derivative; N-acetylglucosamine as the determinant group in artificial antigens.

Medical Conditions

Generally Aggravated by
Exposure

To the best of our knowledge, the Chemical/Physical/Toxicological Properties have not been thoroughly investigated.

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

Do not get in eyes, skin, clothing. Do not pipet by mouth. Do not breathe vapor. Keep tightly closed. Wash thoroughly after handling. Refridgerate. Store at -20° C.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

Extinguishing Media: water spray.
Carbon Dioxide, Dry Chemical Powder, Alcohol or Polymer 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

Section 10 - Transportation Information and regulatory information

Transportation 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.