

# 2-Acetamido-2-deoxy-3-O-( $\alpha$ -L-fucopyranosyl)-D-glucopyranose: sc-206361



The Power to Question

## Material Safety Data Sheet

### Section 1

*Chemical Name* 2-Acetamido-2-Deoxy-3-O-( $\alpha$ -L-Fucopyranosyl)-D-Glucopyranose [FUC1-a-3GLCNAc]

*Synonyms* 2-(Acetylamino)-2-deoxy-3-O-(6-deoxy- $\alpha$ -L-galactopyranosyl)-D-glucopyranose; Fuc1- $\alpha$ -3GlcNAc

*Cas Reg. No* 52630-68-9

*Catalogue #* sc-206361

*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

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

<i>Boiling Point</i>	N/A	<i>Appearance and Odor</i>	Off-White Powder
<i>Vapor Pressure</i>	N/A	<i>Specific Gravity(H<sub>2</sub>O=1)</i>	N/A
<i>Vapor Density</i>	N/A	<i>Melting Point</i>	170-173°C
<i>Solubility in Water</i>	Yes	<i>Evaporation Rate (Butyl Acetate=1)</i>	N/A

### Section 4 - Reactive Data

*Stability* Good store at -20°C, *Incompatibility (Materials to Avoid)* Strong oxidizing agents

*Conditions to Avoid* Strong oxidizing agents

*Hazardous Decomposition or Byproducts* toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides *Hazardous Polymerization* will not occur

### Section 5 - Control Measures

<i>Respiratory Protection</i>	Niosh/Msha approved respirator	<i>Ventilation</i>	Chemical Fume Hood
<i>Protective Gloves</i>	Rubber Gloves	<i>Eye Protection</i>	Chemical Goggles
<i>Other Protective Clothing</i>	Lab Coat/Apron	<i>Other Protection</i>	Eye Safety Wash

### Section 6 - First Aid Measures

*Inhalation* If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

*Skin* In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

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

*Eyes* In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

## Section 7 - Health Hazard Data

*Health Hazards  
(Acute and Chronic)*

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

### ROUTE OF EXPOSURE

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

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

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

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

**Ingestion:** May be harmful if swallowed.

Oligosaccharide which participates in cell adhesion between bacterial and eukaryotic cells

*Medical Conditions  
Generally Aggravated by  
Exposure*

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

## Section 8 - Precautions for Safe Handling and Use

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

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.

*Waste Disposal Method*

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.

*Precautions to Be  
Taken in Handling  
and Storage*

Keep tightly closed.

## 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.*