



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# D-[2-13C]mannose: sc-294175



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** D-[2-13C]mannose

**Product Number:** sc-294175

**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

### 2. HAZARDS IDENTIFICATION

**Emergency Overview:**

Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

**Potential Health Effects**

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May cause irritation of the digestive tract.

**Inhalation:** May cause respiratory tract irritation.

**Medical Conditions Aggravated by Exposure:** May cause more significant irritation in people with pre-existing conditions.

**Target Organs:** Unknown.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Component:** D-[2-13C]mannose

**CAS#:** 70849-16-0

### 4. FIRST AID MEASURES

**Eye Contact:**

Immediately flush eyes with water for at least 15 minutes.

**Skin Contact:**

Wash skin with soap and water.

**Inhalation:**

Move to fresh air. Get medical attention if symptoms occur.

**Ingestion:**

Wash out mouth with water.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:**

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Protection of Firefighters:**

Wear self-contained breathing apparatus and protective clothing. Prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Wear chemical safety goggles, protective clothing, gloves, and mask.

**Methods for Containment:**

Reduce airborne dust and prevent scattering by moistening with water.

**Methods for Clean-up:**

Sweep up material with non-sparking tool and place in sealed container for appropriate disposal. Wash spill site with water and ventilate area.

## 7. HANDLING AND STORAGE

**Handling:**

Wash thoroughly with water after handling. Remove any contaminated clothing and wash before reuse. Use adequate ventilation and minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:**

Keep away from heat, sparks, and flame. Keep in cool, dry, ventilated area in tightly closed container away from incompatible substances. Protect container from damage. Store at 4 °C.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure Guidelines**

**Component:** D-[2-13C]mannose

**CAS#:** 70849-16-0

**OSHA PEL:** Unknown

**ACGIH TLV:** Unknown

**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower. Use adequate ventilation to keep airborne concentrations low.

**Eye/Face Protection:**

Wear chemical safety goggles.

**Skin Protection:**

Wear chemical resistant gloves and protective clothing.

**Respiratory Protection:**

Wear NIOSH approved respirator.

**General Hygiene Considerations:**

Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid breathing dust.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder	Odor:	Unknown
pH:	Unknown	Freezing Point:	Unknown
Flash Point:	Unknown	Flammability:	Unknown
Vapor Density:	Unknown	Molecular Weight:	181.15
Molecular Formula:	(13-C)C5H12O6	Solubility in Water:	Soluble
Melting Point:	Unknown	Boiling Point:	Unknown
Evaporation Rate:	Unknown	Vapor Pressure:	Unknown
Specific Gravity:	Unknown		

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable

**Conditions to Avoid:**

Heat, flame, ignition sources, dusting, and incompatibles.

**Incompatible Materials:**

Strong oxidizing agents.

**Hazardous Decomposition Products:**

Toxic fumes of carbon dioxide and carbon monoxide upon heating.

**Hazardous Polymerization:**

Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects:

Harmful by inhalation, ingestion, and skin absorption. May cause irritation.

**Oral LD50:** Unknown

**Dermal LD50:** Unknown

### Chronic Effects:

Repeated or prolonged exposure is not known.

### Carcinogenicity:

Unknown

### Mutagenicity:

Unknown

### Reproductive Effects:

Unknown

### Developmental Effects:

Unknown

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

Unknown

### Persistence/Degradability:

The compound and its degradation products are not toxic.

### Bioaccumulation/Accumulation:

Unknown

### Mobility in Environment:

Unknown

## 13. DISPOSAL CONSIDERATIONS

Provided that rules of employment place, local, state and federal guidelines allow flushing down the drain, dissolve in water and dilute to a 5% solution. Adjust the pH to 7 if necessary and pour down the drain with running water. Flush the drain for an additional 10 minutes. If flushing down a drain is unsuitable, use a licensed waste disposal company. Observe all federal, state and local environmental regulations.

## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

**TSCA:** Unknown

**DSL:** No

**ECL:** Unknown

**PICCS:** Unknown

**ENCS:** Unknown

**AICS:** Unknown

**IECS:** Unknown

**EINECS:** Unknown

**SARA:** No

**CWA:** Unknown

**CAA:** Unknown

**WHMIS:** Unknown

## 16. OTHER INFORMATION

*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.*

1/14/2014