



# 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) 

# 3-Deoxy-3-fluoro-D-mannose: sc-220860



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 3-Deoxy-3-fluoro-D-mannose  
**Product Number:** sc-220860  
**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

**GHS Hazards Classification (According to EU Regulation 1272/2008 and US OSHA 1910.1200)**

Not a hazardous substance by GHS.

**GHS Hazards Identification (According to EU Regulation 1272/2008 and US OSHA 1910.1200)**

None

**Hazard Statements**

None

**Precautionary Statements**

None

**EU Classification (According to EU Regulation 67/548/EEC)**

Not a hazardous substance by this Classification.

**EU Risk and Safety Statements (According to EU Regulation 67/548/EEC)**

**Hazard Statements**

None

**Risk Codes and Phrases**

None

**WHMIS Classification (Canada)**

Not WHMIS controlled.

**Hazard Statements**

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Formula:** C<sub>6</sub>H<sub>11</sub>FO<sub>5</sub>

**Chemical Weight:** 182.15

**CAS #:** 87764-46-3

### 4. FIRST AID MEASURES

**General Advice**

If medical attention is required, show this safety data sheet to the doctor.

**If Inhaled**

If inhaled, move casualty to fresh air. If not breathing, give artificial respiration and consult a physician.

**In Case of Skin Contact**

Wash affected area with soap and water. Consult a physician if any exposure symptoms are observed.

**In Case of Eye Contact**

Immediately rinse eyes with plenty of water for at least 15 minutes. Consult a physician.

**If Swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Do NOT induce vomiting unless advised to do so by a physician or Poison Control Center. Seek medical attention.

**Most Important Symptoms and Effects, Both Acute and Delayed**

No data available

**Indication of any Immediate Medical Attention and Special Treatment Needed**

No data available

**5. FIREFIGHTING MEASURES****Suitable Extinguishing Media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Hazardous Combustion Products**

Carbon oxides, Hydrogen fluoride

**Special Protective Equipment for Firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use recommended personal protective equipment (see Section 8). Prevent the formation of dusts and mists.

Adequate ventilation must be provided to ensure dusts or mists are not inhaled.

**Environmental Precautions**

Material should not be allowed to enter the environment. Prevent further spillage or discharge into drains, if safe to do so.

**Methods and Materials for Containment and Clean Up**

Contain the spill and then collect using non-combustible absorbent material (such as clay, diatomaceous earth, vermiculite or other appropriate material). Place material in a suitable, sealable container and then dispose according to local/national regulations and guidance (see Section 13).

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

Avoid contact with skin and eyes. Ventilation and proper handling are to be used to prevent the formation of dusts and mists. Normal measures for preventative fire protection. No smoking, eating or drinking around this material. Wash hands after use.

**Conditions for Safe Storage, Including any Incompatibilities**

Ensure container is kept securely closed before and after use. Keep in a well ventilated area and do not store with strong oxidizers or other incompatible materials (see Section 10). Store at 4° C.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Contains no components with established occupational exposure limits.

**Engineering Controls**

A laboratory fume hood or other appropriate form of local exhaust ventilation should be used to avoid exposure.

**Personal Protective Equipment**

All recommendations below are advisory in nature and a risk assessment should be performed by the employer/end user prior to use of this product. The type of protective equipment must be selected based on the amount and concentration of the dangerous material being used in the workplace.

**Eye/Face Protection**

Safety glasses or safety goggles. All equipment should have been tested and approved under appropriate standards, such as NIOSH (US), CSA (Canada), or EN 166 (EU).

**Skin Protection**

Gloves should be used when handling this material. Gloves are to be inspected prior to use. Contaminated gloves are to be removed using proper glove removal technique so that the outer surface of the glove does not contact bare skin. Dispose of contaminated gloves after use in compliance with good laboratory practices and local requirements.

**Body Protection**

Fire resistant (Nomex) lab coat or coveralls.

### **Respiratory Protection**

Recommended respirators are NIOSH-approved N95 or CEN-approved FFP2 particulate respirators. These are to be only used as a backup to local exhaust ventilation or other engineering controls. If the respirator is the only means of protection, a full-face supplied air respirator must be used.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	Solid	Odor	No data available
Odor Threshold	No data available	pH	No data available
Melting Point/Freezing Point	152-154 °C (dec.)	Boiling Point/Boiling Range	No data available
Flash point	No data available	Evaporation Rate	No data available
Flammability (Solid/Gas)	No data available	Upper/Lower Explosive Limits	No data available
Vapor Pressure	No data available	Vapor Density	No data available
Relative Density	No data available	Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available	Viscosity	No data available
Explosive Properties	No data available	Oxidizing Properties	No data available
Partition Coefficient: n-octanol/water	No data available	Solubility	Methanol, Water

## **10. STABILITY AND REACTIVITY**

### **Chemical Reactivity**

No data available

### **Chemical Stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

No data available

### **Conditions to Avoid**

No data available

### **Incompatible Materials**

Strong oxidizing materials.

### **Hazardous Decomposition Products**

No data available

## **11. TOXICOLOGICAL INFORMATION**

### **Acute Toxicity**

No data available

### **Skin Corrosion/Irritation**

No data available

### **Serious Eye Damage/Irritation**

No data available

### **Respiratory or Skin Sensitization**

No data available

### **Germ Cell Mutagenicity**

No data available

### **Carcinogenicity**

No data available

### **Reproductive Toxicity/Teratogenicity**

No data available

### **Single Target Organ Toxicity - Single Exposure**

No data available

### **Single Target Organ Toxicity - Repeated Exposure**

No data available

### **Aspiration Hazard**

No data available

### Potential Health Effects

- Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.  
**Ingestion** May be harmful if swallowed.  
**Skin** May be harmful if absorbed through skin. May cause skin irritation.  
**Eyes** May cause eye irritation.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties of this material have not been thoroughly investigated.

### Additional Information

**RTECS:** Not listed

## 12. ECOLOGICAL INFORMATION

### Toxicity

no data available

### Bioaccumulative potential

no data available

### PBT and vPvB assessment

no data available

### Persistence and degradability

no data available

### Mobility in soil

no data available

### Other adverse effects

no data available

## 13. DISPOSAL CONSIDERATIONS

### Product

Product may be burned in an incinerator equipped with afterburner and scrubber. Excess and expired materials are to be offered to a licensed hazardous material disposal company. Ensure that all Federal and Local regulations regarding the disposal and destruction of this material are followed.

### Contaminated Packaging

Dispose of as above.

## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

This safety data sheet complies with the requirements of WHMIS (Canada), OSHA 1910.1200 (US), and EU Regulation EC No. 1907/2006 (European Union).

### Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

#### Canada-DSL/NDSL Status

This product is not listed on the Canadian DSL/NDSL.

#### United States-TSCA Status

This product is not listed on the US EPA TSCA.

#### European Union-ECHA Status

This product is not registered with the EU ECHA.

#### Chemical Safety Assessment

No data available

## 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.*

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