



# 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

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# 6,8-Difluoro-4-methylumbelliferyl- $\beta$ -D-glucopyranoside: sc-284795



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 6,8-Difluoro-4-methylumbelliferyl- $\beta$ -D-glucopyranoside

**Product Number:** sc-284795

**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

#### Potential Health Effects

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance Name** 6,8-Difluoro-4-methylumbelliferyl  $\beta$ -D-glucopyranoside  
**Formula** C<sub>16</sub>H<sub>16</sub>F<sub>2</sub>O<sub>8</sub>  
**Molecular Weight** 374.29  
**CAS Number** 351009-26-2

### 4. FIRST AID MEASURES

#### General Advice

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If Inhaled

Move to fresh air. If required, give artificial respiration. Consult a physician.

#### In Case of Skin Contact

Remove contaminated clothing and shoes. Wash off with soap and plenty of water. Consult a physician.

#### In Case of Eye Contact

Rinse thoroughly 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. Consult a physician.

### 5. FIREFIGHTING MEASURES

#### Conditions of Flammability

Not flammable or combustible.

#### Suitable Extinguishing Media

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

#### Special Protective Equipment for Firefighters

Wear self-contained breathing apparatus and full protective gear.

#### Hazardous Combustion Products

Carbon oxides, Hydrogen fluoride

#### Explosion Data - Sensitivity to Mechanical Impacts

No data available

### Explosion Data - Sensitivity to Static Discharge

No data available

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Use personal protective equipment. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust, vapors, mist or gas.

### Environmental Precautions

Do not allow product to be released to the environment. Do not let product enter drains.

### Methods and Materials for Containment and Cleaning Up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Ships ambient. Long term storage recommended at -20°C.

### Protection against Explosions and Fires

Keep ignition sources away.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

### Personal Protective Equipment

#### Respiratory Protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Eye Protection

Wear safety glasses with side-shields conforming to EN166, chemical safety goggles, or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Body Protection

Wear protective clothing.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Specific Engineering Controls

Use mechanical exhaust or laboratory fume hood to avoid exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	pH	no data available
Melting Point Range	132-135 °C	Boiling Point	no data available
Flash Point	no data available	Ignition Temperature	no data available
Auto-Ignition Temperature	no data available	Lower Explosion Limit	no data available
Upper Explosion Limit	no data available	Vapor Pressure	no data available
Density	no data available	Solubility	DMSO
Relative Vapor Density	no data available	Odor	no data available
Odor Threshold	no data available	Partition Coefficient:	no data available
Evaporation rate	no data available	n-octanol/water	

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Not determined

### Conditions to Avoid

Not determined

### Incompatible Materials

Acidic and basic solutions

### Hazardous Decomposition Products

Formed under fire conditions: Carbon oxides, Hydrogen fluoride

### Thermal Decomposition Products

Not determined

### Hazardous Polymerization

Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Not determined

### Skin Corrosion / Irritation

Not determined

### Serious Eye Damage / Eye Irritation

Not determined

### Respiratory or Skin Sensitization

Not determined

### Germ Cell Mutagenicity

Not determined

### Carcinogenicity

Not determined

### Reproductive Toxicity

Not determined

### Teratogenicity

Not determined

### Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System)

Not determined

### Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System)

Not determined

### Aspiration Hazard

Not determined

### Potential Health Effects

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation

**Ingestion** May be harmful if swallowed

### Signs and Symptoms of Exposure

Not determined

### Synergistic Effects

Not determined

### Additional Toxicological Information

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

## 12. ECOLOGICAL INFORMATION

Not determined

### **13. DISPOSAL CONSIDERATIONS**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### **14. TRANSPORT INFORMATION**

<b>DOT (US)</b>	Not classified as hazardous for transport
<b>IMDG</b>	Not classified as hazardous for transport
<b>ICAO / IATA</b>	Not classified as hazardous for transport
<b>ADR / RID</b>	Not classified as hazardous for transport

### **15. REGULATORY INFORMATION**

#### **DSL Status**

The components of this product are not on the Canadian DSL list but are manufactured at <1,000kg per year.

### **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.*

6/05/2014