



# 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

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# Mycophenolic Acid-d3 $\beta$ -D-Glucuronide: sc-218897



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### Section 1 - General Information

**Chemical Name:**

Mycophenolic Acid-d3  $\beta$ -D-Glucuronide

**CAS Reg. Number:**

31528-44-6 (unlabeled CAS)

**Catalog Number:**

sc-218897

**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

### 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

**Boiling Point:**

N/A

**Form:**

Solid

**Vapor Pressure:**

N/A

**Specific Gravity(H<sub>2</sub>O=1):**

N/A

**Molecular Formula:**

C<sub>23</sub>H<sub>25</sub>D<sub>3</sub>O<sub>12</sub>

**Solubility in Water:**

Yes

**Melting Point:**

155-159° C

**Evaporation Rate (ButylAcetate=1):**

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

499.48

### Section 4 - Reactive Data

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Strong oxidizing agents

**Conditions to Avoid:**

Strong oxidizers

**Hazardous Decomposition or Byproducts:**

toxic fumes of: Carbon dioxide, carbon monoxide

**Hazardous Polymerization:**

will not occur

### Section 5 - Control Measures

**Respiratory Protection:**

Niosh/Msha approved respirator

**Protective Gloves:**

Chemical resistant gloves

**Other Protective Clothing:**

Lab coat or apron

**Ventilation:**

Hood

**Eye Protection:**

chemical safety goggles

**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 wash skin with soap and copious amounts of water.

### **Ingestion:**

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

### **Eyes:**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

## **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.

Toxicity data is for Mycophenolic acid (\*not the glucuronide)

### **TARGET ORGAN(S) OR SYSTEM(S)**

Spleen.

### **SIGNS AND SYMPTOMS OF EXPOSURE**

Nausea, vomiting and diarrhea.

### **CONDITIONS AGGRAVATED BY EXPOSURE**

The toxicological properties have not been thoroughly investigated.

### **TOXICITY DATA**

Oral Rat

352 mg/kg

LD50

Remarks:

Behavioral: Muscle weakness.

Behavioral: Ataxia.

Gastrointestinal: Hypermotility, diarrhea.

Intraperitoneal Rat

220 MG/KG

LD50

Subcutaneous Rat

230 MG/KG

LD50

Intravenous Rat

450 MG/KG

LD50

Remarks:

Blood: Normocytic anemia.

Behavioral: Somnolence (general depressed activity).

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

Oral Mouse

1000 mg/kg

LD50

Intraperitoneal Mouse

505 MG/KG

LD50

Subcutaneous Mouse

1175 MG/KG

LD50

Oral Rabbit

> 6000 mg/kg

LD50

Intraperitoneal Mammal

1 GM/KG

LD50

Remarks:

Tumorigenic: Active as anti-cancer agent.

#### **CHRONIC EXPOSURE – MUTAGEN**

Species: Mouse

Dose: 32 MG/L

Cell Type: Other cell types

Mutation test: DNA damage

Species: Mouse

Dose: 200 NMOL/L

Cell Type: lymphocyte

Mutation test: DNA inhibition

Species: Mouse

Dose: 400 NMOL/L

Cell Type: lymphocyte

Mutation test: Other mutation test systems

Species: Mouse

Dose: 32 UG/L

Cell Type: Other cell types

Mutation test: Cytogenetic analysis

Species: Mouse

Dose: 32 UG/L

Cell Type: Other cell types

Mutation test: Mutation in mammalian somatic cells.

Species: Hamster

Dose: 2 UMOL/L

Cell Type: ovary

Mutation test: DNA inhibition

Species: Hamster

Dose: 2 UMOL/L

Cell Type: ovary

Mutation test: Other mutation test systems

Mutation test: Histidine reversion (Ames)

#### **CHRONIC EXPOSURE – REPRODUCTIVE HAZARD**

Dose: 900 MG/KG

Route of Application: Oral

Exposure Time: (30D MALE)

Result:

Paternal Effects: Testes, epididymis, sperm duct.

Paternal Effects: Prostate, seminal vesicle, Cowper's gland, accessory glands.

#### **Medical Conditions Generally Aggravated by Exposure:**

TO THE BEST OF OUR KNOWLEDGE THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. PLEASE 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:**

MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

### ***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.***

1/25/2011