



# 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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# D-myo-Inositol-1,3,4-triphosphate, sodium salt: sc-223919



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### SECTION 1. Chemical Product and Company Identification

**Product Name:** D-myo-Inositol-1,3,4-triphosphate, sodium salt  
**Product Number:** sc-223919  
**Synonyms:** 1,3,4-IP3 (sodium salt); Ins(1,3,4)-P3 (sodium salt);  
**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. Composition/Information on Ingredients

#### Hazardous Components (Specific Chemical Identity/Common Name)

**Name:** D-myo-Inositol-1,3,4-triphosphate (sodium salt)

**CAS #:** –

**OSHA PEL:** No data. **ACGIH TLV:** No data.

### SECTION 3. Hazards Identification

#### Emergency Overview

No data available.

**Route(s) of Entry:** Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes , Other: Injection

**Potential Health Effects (Acute and Chronic):** Material may be irritating to the mucous membranes and upper respiratory tract. May be harmful by inhalation, ingestion, or skin absorption. May cause eye, skin, or respiratory system irritation. The toxicological properties of this compound have not been fully evaluated.

**Carcinogenicity:** NTP? No , IARC Monographs? No , OSHA Regulated? No

**Carcinogenicity/Other Information:** No data available.

**Signs and Symptoms Of Exposure:** Irritating to the skin, eyes, nose, throat, and respiratory tract.

### SECTION 4. First Aid Measures

#### Emergency and First Aid Procedures:

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

**Ingestion:** Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

**Eyes:** Hold eyelids apart and flush eyes with plenty of water. After initial flushings, remove any contact lenses and continue flushing for at least 20 minutes. Have eyes examined and tested by medical personnel.

**Skin:** Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

**Note to Physician:** No data available.

**Medical Conditions Generally Aggravated By Exposure:** No data available.

### SECTION 5. Fire Fighting Measures

**Flash Pt:** No data.

**Method Used:** See note below

**Explosive Limits:** LEL: No data. UEL: No data.

**Extinguishing Media:** Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray when fighting fires involving this material.

**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

**Flammable Properties and Hazards:** No data available.

**Hazardous Combustion Products:** No data available.

## SECTION 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Vacuum or sweep up material and place in disposal container. Avoid raising dust. After removal, ventilate contaminated area and flush thoroughly with water.

## SECTION 7. Handling and Storage

**Hazard Label Information:** Avoid contact with skin and eyes. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

**Precautions To Be Taken in Handling:** Avoid contact with eyes, skin, and clothing. Do not reuse this container. Use with adequate ventilation. Wash thoroughly after handling.

**Precautions To Be Taken in Storing:** Store at -20° C.

**Other Precautions:** No data available.

**Work/Hygienic/Maintenance Practices:** Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Wash thoroughly after handling.

## SECTION 8. Exposure Controls/Personal Protection

**Protective Equipment Summary – Hazard Label Information:** Eye wash station in work area. Lab coat. Latex disposable gloves. Safety glasses. Safety shower in work area. Vent Hood.

**Respiratory Equipment (Specify Type):** No data available.

**Eye Protection:** Safety glasses

**Protective Gloves:** Latex disposable gloves

**Other Protective Clothing:** Lab coat

**Engineering Controls (Ventilation etc.):** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

## SECTION 9. Physical and Chemical Properties

**Physical State:** Solid

**Melting Point:** No data.

**Vapor Pressure (vs. Air or mmHg):** No data.

**Evaporation Rate (vs Butyl Acetate=1):** No data.

**Solubility in Water:** 50 mg/ml\* at 25.0 C

**Percent Volatile:** No data.

**Viscosity:** No data.

**Molecular Formula:** C<sub>6</sub>H<sub>12</sub>O<sub>15</sub>P<sub>3</sub> • 3Na

**Boiling Point:** No data.

**Specific Gravity (Water = 1):** No data.

**Density:** No data.

**Vapor Density (vs. Air = 1):** No data.

**Other Solubility Notes:** \*PBS pH 7.2

**Saturated Vapor Concentration:** No data.

**pH:** No data.

**Molecular Weight:** 486.04

## SECTION 10. Stability and Reactivity

**Stability:** Stable

**Conditions To Avoid – Instability:** No data available.

**Incompatibility – Materials To Avoid:** No data available.

**Hazardous Decomposition Or Byproducts:** No data available.

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid – Hazardous Polymerization:** No data available.

## SECTION 11. Toxicological Information

**Chronic Toxicological Effects:** The toxicological effects of this compound have not been thoroughly studied.

## **SECTION 12. Ecological Information**

Runoff from fire control or dilution water may cause pollution.

## **SECTION 13. Disposal Considerations**

**Waste Disposal Method:** Dispose in accordance with local, state and federal regulations.

## **SECTION 14. Transport Information**

**DOT Proper Shipping Name:** No data available.

**Additional Transport Information:** Transport in accordance with local, state, and federal regulations.

## **SECTION 15. Regulatory Information**

Regulatory information on this product is not available.

## **SECTION 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.*

7/12/2011