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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

www.szabo-scandic.com

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

Tris(methylcyclopentadienyl)yttrium(III): sc-272748



The Power to Question

MATERIAL SAFETY DATA SHEET

SECTION 1: Product Identification

Product Name: Tris(methylcyclopentadienyl)yttrium(III)
Product Number: sc-272748
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 and Information on Ingredients

<u>Ingredient</u>	<u>CAS Number</u>	<u>ACGIH (TWA)</u>	<u>OSHA (PEL)</u>
Tris(methylcyclopentadienyl)yttrium(III)	329735-72-0	1mg/m3 as Y	1mg/m3 as Y

Formula: C₁₈H₂₁Y

Molecular Weight: 326.27

EINECS Number: none

Chemical Family: metallocene

Synonym: none

SECTION 3: Hazards Identification

Emergency Overview: Irritating to skin, eyes and respiratory tract. Moisture may liberate heat and vapors of methylcyclopentadiene.

Primary Routes of Exposure: Ingestion, eyes, inhalation, skin

Eye Contact: Causes slight to mild irritation of the eyes.

Skin Contact: Causes slight to mild irritation of the skin. Moisture can cause hydrolysis and possible thermal burns.

Inhalation: Irritating to the nose, mucous membranes and respiratory tract.

Ingestion: No specific information on the physiological effects of ingestion. Ingestion may lead to thermal burns, vomiting and diarrhea.

Acute Health Effects: Irritating to skin, eyes and respiratory tract.

Chronic Health Effects: No information available on long-term chronic effects.

NTP: No

IARC: No

OSHA: No

SECTION 4: First Aid Measures

Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.

Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing or pain. In such cases seek immediate medical assistance.

Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5: Fire Fighting Measures

Flash Point: not applicable

Autoignition Temperature: none

Explosion Limits: none

Extinguishing Medium: carbon dioxide, dry powder

Special Fire Fighting

Procedures: If this product is involved in a fire, firefighters should be equipped with NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion and Decomposition Products: If involved in a fire this material may emit toxic organic fumes.

Unusual Fire or Explosion Hazards: Flammable solid. Evolves flammable n-methylcyclopentadiene with water.

SECTION 6: Accidental Release Measures

Spill and Leak Procedures: Small spills can be mixed with vermiculite or sodium carbonate and swept up.

SECTION 7: Handling and Storage

Handling and Storage: Handle and store the material under an inert atmosphere of nitrogen or argon. Keep away from heat.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear appropriate chemical resistant gloves and protective clothing.

Ventilation: The material will react with air and moisture. Handle under an inert atmosphere of nitrogen or argon.

Respirator: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respiratory Protection Program to be in compliance with 29 CFR 1910.134.

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Form: Unknown

Boiling Point: no data

Specific Gravity: no data

Solubility in Water: insoluble

Melting Point: no data

Vapor Pressure: no data

Odor: none

SECTION 10: Stability and Reactivity

Stability: air and moisture sensitive

Hazardous Polymerization: no hazardous polymerization

Conditions to Avoid: Contact with air or water.

Incompatibility: Water, alcohols, oxidizers, oxygen, halogens, halocarbons, mineral acids.

Decomposition Products: carbon monoxide, carbon dioxide, yttrium oxide and organic fumes.

SECTION 11: Toxicological Information

RTECS Data: No information available in the RTECS files.

Carcinogenic Effects: No data available

Mutagenic Effects: No data available

Teratogenic Effects: No data available

SECTION 12: Ecological Information

Ecological Information: No information available.

SECTION 13: Disposal Considerations

Disposal: Dispose of according to local, state and federal regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous

Hazard Class (CFR): NA

Additional Hazard Class (CFR): NA

Packaging Group (CFR): NA

UN ID Number (CFR): NA

Shipping Name (IATA): Non-hazardous

Hazard Class (IATA): NA

Additional Hazard Class (IATA): NA

Packaging Group (IATA): NA

UN ID Number (IATA): NA

SECTION 15: Regulatory Information

TSCA: Not listed in the TSCA inventory

SARA (Title 313): Title compound not listed

Second Ingredient: none

Third Ingredient: none

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.

8/1/2011