



# 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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# 3,5-Diiodo-L-tyrosine: sc-362043



The Power to Question

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 3,5-Diiodo-L-tyrosine  
**Product Number:** sc-362043  
**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

#### Emergency overview

May cause skin irritation and/or dermatitis

#### Principle routes of exposure

Skin

#### NFPA Rating

**Health:** 1  
**Flammability:** 1  
**Reactivity:** 0

#### Potential Health Effects

**Inhalation** May cause irritation of respiratory tract  
**Ingestion** May be harmful if swallowed.  
**Skin contact** May cause allergic skin reaction  
**Eye contact** Avoid contact with eyes

#### Statements of hazard

May cause allergic skin reaction

#### Statement of Spill or Leak - ANSI Label

Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: (S)-2-amino-3-(4-hydroxy-3,5-diiodophenyl)propanoic acid  
Formula: C<sub>9</sub>H<sub>9</sub>I<sub>2</sub>NO<sub>3</sub>  
Chemical Weight: 432.98

<u>CAS-No.</u>	<u>EC-No.</u>	<u>Index-No.</u>	<u>Concentration</u>
<b>3,5-Diiodo-L-tyrosine</b> 300-39-0	206-092-0	-	-

### 4. FIRST AID MEASURES

#### General advice

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### If inhaled

Move to fresh air. Call a physician immediately.

#### In case of skin contact

Rinse immediately with plenty of water and seek medical advice

**If swallowed**

Do not induce vomiting without medical advice.

**In case of eye contact**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Protection of first-aiders**

No information available

**Medical conditions aggravated by exposure**

None known

**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam

**Specific hazards**

Burning produces irritant fumes.

**Special protective equipment for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Specific methods**

Water mist may be used to cool closed containers

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Use personal protective equipment.

**Environmental precautions**

Prevent product from entering drains.

**Methods and materials for containment and clean up**

Sweep up and shovel into suitable containers for disposal.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment.

**Conditions for safe storage**

Store at room temperature.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures**

Ensure adequate ventilation.

**Personal protective equipment****Respiratory protection**

Breathing apparatus only if aerosol or dust is formed.

**Hand protection**

PVC or other plastic material gloves

**Skin and body protection**

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**Eye protection**

Safety glasses with side-shields

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	Solid	Melting point/range	213°C
Boiling point/range	No data available	Density	No data available
Vapor pressure	No data available	Evaporation rate	No data available
Vapor density	No data available	Solubility (water)	Soluble
Flash point	Not determined	Autoignition temperature	Not determined

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reaction

None under normal processing.

### Hazardous decomposition products

Nitrogen oxides (NOx)/ammonia/CN- , Iodine (I-)

### Materials to avoid

Strong oxidizing agents and spontaneously flammable products

### Conditions to avoid

Exposure to air or moisture over prolonged periods

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

Selected LD50s and LC50s Not determined

### Chronic toxicity

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

### Local effects

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### Specific effects

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

### Carcinogenic effects

No data is available on the product itself.

### Mutagenic effects

No data is available on the product itself.

### Reproductive toxicity

No data is available on the product itself.

### Additional Information

RTECS: Not available

## 12. ECOLOGICAL INFORMATION

### Mobility

No data available

### Bioaccumulation

No data available

### Ecotoxicity effects

No data available

### Aquatic toxicity

May cause long-term adverse effects in the aquatic environment.

<b>Components</b> 3,5-DIIODO-L-TYROSINE	<b>U.S. DOT - Appendix B - Marine Pollutan</b> Not Listed	<b>U.S. DOT - Appendix B - Severe Marine Pollutants</b> Not Listed	<b>United Kingdom - The Red List:</b> Not Listed
<b>Components</b> 3,5-DIIODO-L-TYROSINE	<b>Germany VCI (WGK)</b> Not Listed	<b>World Health Organization (WHO) - Drinking Water</b> Not Listed	<b>Ecotoxicity - Fish Species Data</b> Not Listed
<b>Components</b> 3,5-DIIODO-L-TYROSINE	<b>Ecotoxicity - Freshwater Algae Data</b> Not Listed	<b>Ecotoxicity - Microtox Data</b> Not Listed	<b>Ecotoxicity - Water Flea Data</b> Not Listed
<b>Components</b> 3,5-DIIODO-L-TYROSINE	<b>EPA - ATSDR Priority List</b> Not Listed	<b>EPA - HPV Challenge Program Chemical List</b> Not Listed	<b>California - Priority Toxic Pollutants</b> Not Listed
<b>Components</b> 3,5-DIIODO-L-TYROSINE	<b>California - Priority Toxic Pollutants</b> Not Listed	<b>California - Priority Toxic Pollutants</b> Not Listed	

### 13. DISPOSAL CONSIDERATIONS

#### Products

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

#### Contaminated packaging

Do not re-use empty containers

### 14. TRANSPORT INFORMATION

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

### 15. REGULATORY INFORMATION

#### International Inventories

United States TSCA - Sect. 8(b)	Present
Canada DSL Inventory List	Present
Australia (AICS):	Present

#### US Regulations

##### Components

3,5-DIIODO-L-TYROSINE

##### California Proposition 65

Not Listed

##### Massachusetts Right to Know List:

Not Listed

##### New Jersey Right to Know List:

Not Listed

##### Pennsylvania Right to Know List:

Not Listed

##### Components

3,5-DIIODO-L-TYROSINE

##### Florida substance List:

Not Listed

##### Rhode Island Right to Know List:

Not Listed

##### Illinois - Toxic Air Contaminants

Not Listed

##### Connecticut - Hazardous Air Pollutants

Not Listed

##### Components

3,5-DIIODO-L-TYROSINE

##### SARA 313 Emission reporting/Toxic Release of Chemicals

Not Listed

##### CERCLA/SARA - Section 302 Extremely Haz

Not Listed

##### NTP:

None

##### IARC:

None

#### SARA 313 Notification

The above is your notification as to the SARA 313 listing for this product(s) pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. If you are unsure if you are subject to the reporting requirements of Section 313, or need more information, please call the EPA Emergency Planning and Community Right-To-Know Information Hotline: (800) 535-0202 or (202) 479-2499 (in Washington, DC or Alaska).

#### State Notification

The above information is your notice as to the Right-to-Know listings of the stated product(s). Individual states will list chemicals for a variety of reasons including, but not limited to, the compounds toxicity; carcinogenic, tumorigenic and/or reproductive hazards; and the compounds environmental impact if accidentally released.

### 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.*

09/27/2013