



# 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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# 4-Hydroxy Propranolol $\beta$ -D-Glucuronide: sc-210060



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### Section 1. Chemical and company identification -----

**Product Name:** 4-Hydroxy Propranolol  $\beta$ -D-Glucuronide  
**Catalog Number:** sc-210060  
**CAS No.:** 94731-13-2  
**Molecular Formula:** C<sub>22</sub>H<sub>29</sub>NO<sub>9</sub>  
**Molecular Weight:** 451.47  
**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. Hazards identification -----

**Known Hazards:** IRRITANT  
For additional information on toxicity, please refer to Section 10.

### Section 3. First-aid measures-----

**Skin Contact:** Wash with water  
**Ingestion:** Medical assistance for gastric lavage  
**Inhalation:** Remove to fresh air, artificial respiration or oxygen if necessary.

### Section 4. Fire fighting measures -----

**Extinguishing media:** Water, Carbon dioxide, dries chemical powder, foam.  
**Special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing.  
**Unusual fire and explosions hazards:** None indicated.

### Section 5. Accidental release measures-----

**Personal Precautions:** Wear respirator, safety goggles, rubber boots and heavy rubber gloves.  
**Spill Clean-up Methods:** Provide adequate ventilation. Carefully scoop up and transfer to a closed container.

### Section 6. Handling and storage-----

**Usage/Handling Precautions:** Fumehood  
**Storage Conditions:** Keep Refrigerated. Adequate ventilation. Protect from heat.

### Section 7. Exposure controls/personal protection-----

**Respiratory Protection:** Self-contained breathing apparatus or chemical cartridge  
**Hand Protection:** Chemical-resistant gloves, solvent-resistant gloves.  
**Eye Protection:** Wear safety  
**Other Protective Equipment:** Protective clothing.  
**Other Protective Measures:** Provide safety showers and eyewash station neat workplace.

**Section 8. Physical and chemical properties -----**

**Appearance:** Grey to light brown solid  
**Melting Point: (°C):** Not available.  
**Flash Point (°C):** Not available  
**Water Solubility(%):** Not available  
**Volatiles(%):** Not available  
**Autoignition Temperature (°C):** Not available

**Section 9. Stability and reactivity -----**

**Stability:** Stable.  
**Incompatibility:** Oxidizing/reducing agents.  
**Hazardous decomposition products:** CO/CO2 on combustion.

**Section 10. Toxicological information -----**

**Acute and Chronic Health hazards:** TLV: None verified.  
**Effects of Overexposure:** May causes eye, respiratory, and skin irritation. May be harmful by inhalation, ingestion, or skin absorption. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

**Section 11. Ecological information -----**

No data available.

**Section 12. Disposal considerations -----**

**Disposal Procedures:** Via licensed disposal company. Dispose of according to federal, state and local regulations.

**Section 13. Transport information -----**

Non-hazardous for transport

**Section 14. Regulatory information -----**

TLV: None verified

**Section 15. 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.*

10/20/2010