

# 2-(D-Gluco-pentylhydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid: sc-282730



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 2-(D-Gluco-pentylhydroxypentyl)-4(R)-1,3-thiazolidine-4-carboxylic acid  
**Product Number:** sc-282730  
**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. COMPOSITION/ INFORMATION ON INGREDIENTS

**Molecular Formula:** C<sub>10</sub>H<sub>19</sub>NO<sub>7</sub>S  
**Molecular Weight:** 297.33  
**CAS Number:** 88271-29-8  
**EINECS number:** -

### 3. HAZARDS IDENTIFICATION

The toxicological properties of this material have not been fully investigated.

**Target Organs:** None.

**Potential Health Effects:**

<b>Eye</b>	May cause eye irritation.
<b>Skin</b>	May cause skin irritation.
<b>Ingestion</b>	May cause irritation of the digestive tract.
<b>Inhalation</b>	May cause respiratory tract irritation.
<b>Chronic</b>	No information found.

### 4. FIRST AID MEASURES

**Eye contact:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. If irritation develops, get medical aid.

**Skin contact:**

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

**Ingestion:**

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

**Inhalation:**

Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice.

**Notes to Physician:**

Treat symptomatically and supportively.

### 5. FIRE FIGHTING MEASURES

**General Information:**

As in any fire, wear a self-contained breathing apparatus. In pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts at sufficient concentrations can explosive mixtures with air.

**Suitable extinguishing media:**

Use agent most appropriate to extinguish fire. Water spray, dry chemical, or carbon dioxide.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precaution:** Use proper personal protective equipment as indicated in Section 8.

**Environmental precautions:** Vacuum or sweep up material and place into a suitable disposal container.

**7. HANDLING AND STORAGE**

**Handling:** Wash thoroughly after handling. Remove contaminated clothing wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid ingestion and inhalation.

**Storage:** Store in a cool, dry place. Store in a tightly closed container. Store at room temperature.

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION****Personal protection equipment**

**Eye protection:** Wear safety glasses and chemical goggles.

**Hand and skin protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.

**Respiratory protection:** Wear NIOSH/MSHA or European standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

**General:** General ventilation and local exhaust to keep airborne concentrations below the permissible exposure limit. Control airborne levels.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Solid

**Molecular Formula:** C<sub>10</sub>H<sub>19</sub>NO<sub>7</sub>S

**Molecular Weight:** 297.33

**10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under normal temperatures and pressures.

**Conditions to Avoid**

**Incompatible materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of carbon, nitrogen and sulphur.

**Hazardous Polymerization:** Has not been reported.

**11. TOXICOLOGICAL INFORMATION**

**LD50/LC50:** Not available.

**Carcinogenicity:** Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Please refer to Reproductively Active Chemicals: A Reference Guide for additional information.

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

**14. TRANSPORT INFORMATION**

Non hazardous material for transport.

**15. REGULATORY INFORMATION**

**TSCA:** Not listed on the TSCA inventory.

**Hazard Symbols**

**R-phrases:** data not available

**S-phases:**

- S 24/25 Avoid contact with skin and eyes.
- S 28 After contact with skin, wash immediately with plenty of water.
- S 37 Wear suitable gloves
- S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**16. ADDITIONAL 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.*

4/03/2013