

# 2S,3S,5S-5-Amino-2-[N-[[[(5-thiozoly)]methoxy]carbonyl]amino]-1,6-diphenyl-3-hydroxyhexane: sc-209423



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

### 1. COMPOUND NAME AND COMPANY IDENTIFICATION

Product Name 2S,3S,5S-5-Amino-2-[N-[[[(5-thiozoly)]methoxy]carbonyl]amino]-1,6-diphenyl-3-hydroxyhexanem

Catalogue Number sc-201087

Supplier Santa Cruz Biotechnology, Inc.  
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#### Emergency Contact:

ChemWatch

Within the US & Canada: 877-715-9305

Outside the US & Canada: +800 2436 2255

(1-800-CHEMCALL) or call +613 9573 3112

### 2. PRODUCT INFORMATION

C.A.S. No 144164-11-4

Molecular Formula  $C_{23}H_{27}N_3O_3S$

Formula Weight 425.54

### 3. HAZARDS IDENTIFICATION

**Eyes:** Irritating to eyes.

**Skin:** May cause sensitization by skin contact.

**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation.

**Ingestion:** May cause irritation of the digestive tract. Toxic if swallowed.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water for 15 minutes if liquid contact occurs. It is also recommended to have medical personnel check your eyes afterwards.

**Skin:** It is recommended that hands and arms are washed with soap and water. If extensive skin contact occurs, remove contaminated clothing and wash contacted skin with soap and water. In the unlikely event that irritation does occur after skin contact, check with medical personnel.

**Inhalation:** Whenever symptoms of respiratory distress occur, such as difficulty in breathing or shortness in breath, immediately leave the work area and get medical attention.

**Ingestion:** If conscious, rinse mouth with water, give milk to drink and do not induce vomiting. Never give anything by mouth to an unconscious person. Contact medical personnel.

### 5. FIRE FIGHTING MEASURES

In the event of fire, dry powder, carbon dioxide, alcohol-resistant foam or water mist extinguishers should be used. Avoid inhalation of smoke and fumes. Wear suitable respiratory equipment.

### 6. ACCIDENTAL RELEASE MEASURES

Sweep up with vacuum cleaner and wash the area with soap and water.

### 7. HANDLING AND STORAGE

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:** Preserve in tight, light-resistant containers and in dry place, store below 5 °C.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure controls:** Do not subject to unnecessarily high temperatures during processing. Minimize release of the product to the workplace atmosphere.

**Personal Protection Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White/off-white to light yellow solid

**Melting range:** Not available  
**Physical state:** Solid  
**Solubility in water:** Insoluble  
**Molecular formula:** C<sub>23</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>S  
**Molecular weight:** 425.54

#### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under room temperature and pressures.  
**Materials to avoid:** Strong oxidizing agents, excess heat.  
**Conditions to avoid:** Incompatible materials.  
**Hazardous decomposition products:** Carbon monoxide, carbon dioxide, nitrogen oxide.  
**Hazardous polymerization:** Not reported

#### 11. TOXICOLOGICAL INFORMATION

**RTECS#:** CAS#144164-11-4: Not available  
**LD50/LC50:** Not available.  
**Carcinogenicity:** CAS# 144164-11-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

#### 12. ECOLOGICAL INFORMATION

Contains no halogenated substances or similar materials of intentional persistence

#### 13. DISPOSAL CONSIDERATIONS

Unused or residual quantities of this product should be handled in accordance with instructions given under points 6, 7 and 8 above. Wastes should be disposed of in accordance with Community provisions as well as relevant national or regional provisions in force at this time

#### 14. TRANSPORT INFORMATION

**IATA:** This substance is considered to be non-hazardous for transport.  
**IMO:** This substance is considered to be non-hazardous for transport.  
**RID/ADR:** This substance is considered to be non-hazardous for transport.

#### 15. REGULATORY INFORMATION

**European/International Regulations European Labeling in Accordance with EC Directives Hazards Symbols:** N/A  
**Indication of Danger:** N/A  
**WGK (Water Danger/Protection):** CAS# 144164-11-4: not available  
**Canada DSL/NDSL:** CAS# 144164-11-4 is not listed on DSL or NDSL.

#### 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.***

04/20/2010