

# (Z-Asp-Glu-Val-Asp)<sub>2</sub>-Rh110: sc-391024



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** (Z-Asp-Glu-Val-Asp)<sub>2</sub>-Rh110

**Product Number:** sc-391024

**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

**Common Name:** (Z-DEVD)<sub>2</sub>-RH110

**Formula:** C72H78N10O27

**Molecular Weight:** 1515.48

**CAS #:** 220846-75-3

**Product Description:**

RH1010 (Rhodamine 110) - derived caspase substrates are probably the most sensitive indicators widely used for the fluorimetric detection of various caspase activities.

### 3. HAZARDS IDENTIFICATION

**Label Precautionary Statements:**

Not for human consumption or use in humans.

**Symptoms of Overexposure:**

Please treat with caution. The chemical, physical, and toxicological properties of this product have not been thoroughly investigated. Exercise caution.

### 4. FIRST-AID MEASURES

**If Inhaled:**

Remove to fresh air. If breathing becomes difficult, get medical attention immediately.

**If Swallowed:**

Wash out mouth with large amounts of water provided person is conscious. Get medical attention.

**In Case of Skin Contact:**

Flush with large amounts of water for at least 15 minutes. Get medical attention. Wash clothing before reuse.

**In Case of Eye Contact:**

Flush with large amounts of water for at least 15 minutes. Assure adequate flushing by separating upper and lower eyelids. Get medical attention.

### 5. FIRE-FIGHTING MEASURES

**Flash Point:** N/A (not flammable)

**Flammable Limits:** N/A

**Method Used:** N/A

**Extinguishing Media:**

CO<sub>2</sub>, Dry Powder, Halon

**Special Fire Fighting Procedures:**

Wear self-contained apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards:**

None.

**6. ACCIDENTAL RELEASE MEASURES****Spill and Waste Disposal:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Ventilate the area of the spill well. Collect the material in a safe manner. Comply with all applicable federal, state and local regulations on spill reporting, waste handling and waste disposal.

**7. HANDLING AND STORAGE****Handling:**

Keep product package tightly sealed and protected from moisture.

**Storage:**

Store in a cool, dry location. Store at - 20 °C.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****Protection:**

Wear a NIOSH approved respirator, chemical resistant gloves, safety goggles, and other protective clothing.

**Work Practices/Hygienic Practices:**

Use good laboratory practices; change clothing if contaminated. Wash hands after using products and before eating. Do not eat, drink, or smoke in the work area.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form:** Solid

**Solubility:** DMSO

**10. STABILITY AND REACTIVITY****Stability:**

Stable solid under ordinary conditions of use and storage.

**Incompatibilities:**

Strong oxidizers

**Hazardous Combustion or Decomposition:**

CO, CO<sub>2</sub>, NO<sub>2</sub> may form when heated to decomposition.

**Hazardous Polymerization:**

Will not occur.

**Conditions to Avoid:**

Heat, flames, ignition sources, and incompatibles.

**11. TOXICOLOGICAL INFORMATION****RTECS #:**

Not listed in RTECS.

**Reproductive Effects/Data and References:**

None listed.

**Toxicology Data:**

The toxicological properties have not been thoroughly investigated.

**Suspected Cancer Agent:**

Not listed in published lists of known cancer causing agents, but as with all chemical products, should be treated with caution.

**Potential Health Effects:**

May cause skin irritation. May be harmful if absorbed through the skin. May cause eye irritation. May be harmful if inhaled. May be harmful if swallowed.

## 12. ECOLOGICAL INFORMATION

Data not yet available.

## 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## 14. TRANSPORT INFORMATION

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## 15. REGULATORY INFORMATION

**Caution:** Substance not yet fully tested.

## 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.*

2/4/2014