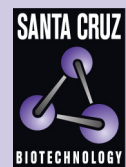


**(2S,3S)-3-Boc-amino-1,2-epoxy-4-phenylbutane:  
sc-209427**

The Power to Question

**MATERIAL SAFETY DATA SHEET****SECTION 1 - PRODUCT AND COMPANY INFORMATION**

Product Name: (2S,3S)-3-Boc-amino-1,2-epoxy-4-phenylbutane  
 Catalog Number: sc-209427  
 Supplier: Santa Cruz Biotechnology, Inc.  
 2145 Delaware Ave.  
 Santa Cruz, California 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 - COMPOSITION/INFORMATION ON INGREDIENT**

Substance Name: (2S,3S)-3-Boc-amino-1,2-epoxy-4-phenylbutane  
 CAS Number: 98737-29-2  
 SARA 313: No  
 Formula:  $C_{15}H_{21}NO_3$

**SECTION 3 - HAZARDS IDENTIFICATION**

For additional information on toxicity, please refer to Section 11.

**SECTION 4 - FIRST AID MEASURES****ORAL EXPOSURE**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**INHALATION EXPOSURE**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**DERMAL EXPOSURE**

In case of contact, immediately wash skin with soap and copious amounts of water.

**EYE EXPOSURE**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

**SECTION 5 - FIRE FIGHTING MEASURES****EXPLOSION DATA**

Dust Potential: This material, like most materials in powder form, is capable of creating a dust explosion.

**FLASH POINT**

N/A

**AUTOIGNITION TEMP**

N/A

**FLAMMABILITY**

N/A

**EXTINGUISHING MEDIA**

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**FIREFIGHTING**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
 Specific Hazard(s): Emits toxic fumes under fire conditions.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****PROCEDURE(S) OF PERSONAL PRECAUTION(S)**

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

**METHODS FOR CLEANING UP**

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**SECTION 7 - HANDLING AND STORAGE****HANDLING**

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

**STORAGE**

Suitable: Keep tightly closed. Store in a cool dry place.

**SECTION 8 - EXPOSURE CONTROLS / PPE****ENGINEERING CONTROLS**

Safety shower and eye bath. Mechanical exhaust required.

**PERSONAL PROTECTIVE EQUIPMENT**

Respiratory: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

Hand: Compatible chemical-resistant gloves.

Eye: Chemical safety goggles.

**GENERAL HYGIENE MEASURES**

Wash thoroughly after handling. Wash contaminated clothing before reuse.

**SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES**

Molecular Weight ..... 263.34 AMU  
 pH ..... N/A  
 BP/BP Range ..... N/A  
 MP/MP Range ..... 125.0 – 127.0° C  
 Freezing Point ..... N/A  
 Vapor Pressure ..... N/A  
 Vapor Density ..... N/A  
 Saturated Vapor Conc. .... N/A  
 Bulk Density ..... N/A  
 Odor Threshold ..... N/A  
 Volatile% ..... N/A  
 VOC Content ..... N/A  
 Water Content ..... N/A  
 Solvent Content ..... N/A  
 Evaporation Rate ..... N/A  
 Viscosity ..... N/A  
 Surface Tension ..... N/A  
 Partition Coefficient ..... N/A

Decomposition Temp. ....N/A  
Flash Point .....N/A  
Explosion Limits .....N/A  
Flammability .....N/A  
Autoignition Temp .....N/A  
Refractive Index .....N/A  
Optical Rotation .....N/A  
Miscellaneous Data .....N/A  
Solubility .....N/A  
N/A = not available

## **SECTION 10 - STABILITY AND REACTIVITY**

### **STABILITY**

Materials to Avoid: Strong oxidizing agents.

### **HAZARDOUS DECOMPOSITION PRODUCTS**

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide,  
Nitrogen oxides.

## **SECTION 11 - TOXICOLOGICAL INFORMATION**

### **ROUTE OF EXPOSURE**

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and  
upper respiratory tract.

Multiple Routes: May be harmful by inhalation, ingestion, or  
skin absorption.

### **SIGNS AND SYMPTOMS OF EXPOSURE**

To the best of our knowledge, the chemical, physical, and  
toxicological properties have not been thoroughly investigated.

## **SECTION 12 - ECOLOGICAL INFORMATION**

No data available.

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

### **APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION**

Dissolve or mix the material with a combustible solvent and burn  
in a chemical incinerator equipped with an afterburner and  
scrubber. Observe all federal, state, and local environmental  
regulations.

## **SECTION 14 - TRANSPORT INFORMATION**

### **DOT**

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is  
considered to be non-hazardous for transport.

### **IATA**

Non-Hazardous for Air Transport: Non-hazardous for air transport.

## **SECTION 15 - REGULATORY INFORMATION**

### **UNITED STATES REGULATORY INFORMATION**

SARA LISTED: No

### **CANADA REGULATORY INFORMATION**

WHMIS Classification: This product has been classified in  
accordance with the hazard criteria of the CPR, and the MSDS  
contains all the information required by the CPR.

DSL: No

NDSL: No

## **SECTION 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.*

8/19/2010