

# 4-Morpholin-4-ylbenzeneboronic acid: sc-262102



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. Identification of the substance

**Product Name:** 4-Morpholin-4-ylbenzeneboronic acid  
**Catalog number:** sc-262102  
**Synonyms:** 4-Morpholinophenylboronic acid; 186498-02-2; Jsp003816; MolPort-000-004-965; 4-Morpholin-4-yl-phenylboronic acid; (4-morpholin-4-ylphenyl)boronic Acid; AC-1725; CC17412; CID2795359; EN002325;  
**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.

**Ingredient name:** 4-(Morpholino)phenylboronic acid  
**CAS number:** 186498-02-2

### 3. Hazards identification

Harmful by inhalation, in contact with skin and if swallowed.

### 4. First aid measures

**Skin contact:** Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes while keeping eyes open. Seek medical attention.

**Inhalation:** Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.

**Ingestion:** Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

### 5. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

### 6. Accidental release measures

**Personal precautions:** Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.

**Respiratory precaution:** Wear approved mask/respirator

**Hand precaution:** Wear suitable gloves/gauntlets

**Skin protection:** Wear suitable protective clothing

**Eye protection:** Wear suitable eye protection

**Methods for cleaning up:** Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.

**Environmental precautions:** Do not allow material to enter drains or water courses.

### 7. Handling and storage

**Storage:** Store in closed vessels at -20° C.

**Handling:** This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.

## 8. Exposure Controls / PPE

**Engineering Controls:** Use only in a chemical fume hood.

**Personal protective equipment:** Wear chemical-resistant gloves, safety goggles.

**General hygiene measures:** Wash thoroughly after handling. Wash contaminated clothing before reuse.

## 9. Physical and chemical properties

**Appearance:** Not specified

**Odor:** No data

**Boiling point:** No data

**Melting point:** No data

**Flash point:** No data

**Density:** No data

**Molecular formula:** C<sub>10</sub>H<sub>14</sub>BNO<sub>3</sub>

**Molecular weight:** 207.0

## 10. Stability and reactivity

**Conditions to avoid:** Heat, flames and sparks.

**Materials to avoid:** Oxidizing agents.

**Possible hazardous combustion products:** Carbon monoxide, nitrogen oxides.

## 11. Toxicological information

No data

## 12. Ecological information

No data

## 13. Disposal consideration

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

## 14. Transportation information

Non-hazardous for air and ground transportation.

## 15. Regulatory information

**Indication of Danger:** No data.

**Risk Statement:** No data.

**Safety Statement:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

## 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.*

3/4/2011