

(1R)-(1S,2S,3R,5S)-Pinanediol-N-(N-pyrazinylphenylalaninoyl)-1-amino-3-methylbutane-1-boronate: sc-223236

MATERIAL SAFETY DATA SHEET



The Power to Question

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: (1R)-(1S,2S,3R,5S)-Pinanediol-N-(N-pyrazinylphenylalaninoyl)-1-amino-3-methylbutane-1-boronate
Product Number: sc-223236
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. HAZARDS IDENTIFICATION

GHS Hazards Classification (According to EU Regulation 1272/2008 and US OSHA 1910.1200)

Skin irritation (Category 2)

Eye irritation (Category 2A)

Specific target organ toxicity - single exposure, respiratory tract (Category 3)

GHS Hazards Identification (According to EU Regulation 1272/2008 and US OSHA 1910.1200)

Pictogram



Signal Word

Warning

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statements

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P302/P352 IF ON SKIN: Gently wash with plenty of soap and water.
P305/P351/P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

WHMIS Classification (Canada)

Toxic Material Causing Other Toxic Effects

Hazard Statements

D2B Moderate eye irritant, Moderate skin irritant, Moderate respiratory irritant

HMIS Classification

Health hazard: 2
Flammability: 0
Physical hazards: 0

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Skin May be harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: N-[(1S)-2-[[[(1R)-1-[(3aS,4S,6S,7aR)-Hexahydro-3a,5,5-trimethyl-4,6-methano-1,3,2-benzodioxaborol-2-yl]-3-methylbutyl]amino]-2-oxo-1-(phenylmethyl)ethyl]-2-pyrazinecarboxamide

Formula: C₂₉H₃₉N₄O₄

Chemical Weight: 518.46

CAS #: 205393-22-2

4. FIRST AID MEASURES

General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Skin Contact

Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If Swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid formation of dust or aerosols. Avoid breathing vapors, mist or gas.

Ensure adequate ventilation.

Environmental Precautions

Do not let product enter drains.

Methods and Materials for Containment and Clean Up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid formation of dust or aerosols. Provide appropriate exhaust ventilation at places where dust/aerosol is formed. Normal measures for preventative fire protection.

Conditions for Safe Storage, Including any Incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Store at -20° C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no components with established occupational exposure limits.

Engineering Controls

Use mechanical exhaust or laboratory fume hood to avoid exposure.

Personal Protective Equipment

Respiratory Protection

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Body Protection

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	pH	No data available
Melting Point/Freezing Point	No data available	Boiling Point/Boiling Range	No data available
Flash point	No data available	Upper/Lower Explosive Limits	No data available
Vapor Pressure	No data available	Density	No data available
Auto-Ignition Temperature	No data available	Water Solubility	No data available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended storage conditions.

Conditions to Avoid

No data available

Materials to Avoid

Strong oxidizing materials.

Hazardous Decomposition Products

Hazardous decomposition products formed under fire conditions: carbon oxides, nitrogen oxides, boron oxides.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

No data available

Irritation and corrosion

No data available

Sensitization

No data available

Carcinogenicity

IARC: Not classified as a known, possible or probable carcinogen by IARC

Reproductive Toxicity/Teratogenicity

No data available

Potential Health Effects

Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Eyes	Causes eye irritation.
Ingestion	May be harmful if swallowed.

Signs and Symptoms of Exposure

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

Additional Information

RTECS: Not listed

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Bioaccumulative potential

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging

Dispose of as above.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

DSL Status

Product is not on the Canadian DSL or NDSL list.

WHMIS Classification (Canada)

Toxic Material Causing Other Toxic Effects

Hazard Statements

D2B

Moderate eye irritant, Moderate skin irritant, Moderate respiratory irritant

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.

07/30/2014