



The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.

Revision date 12-Jul-2018

Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

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### Product identifier

Product Name Des[1-(4,4-difluorocyclohexanecarboxamido)-1-phenylpropyl]-3-hydroxymethyl Maraviroc

### Other means of identification

Product Code SC-211242

Synonyms None

### Recommended use of the chemical and restrictions on use

For research use only. Not intended for diagnostic or therapeutic use.

### Details of the supplier of the safety data sheet

Santa Cruz Biotechnology, Inc.

10410 Finnell Street

Dallas, TX 75220

831.457.3800

800.457.3801

scbt@scbt.com

### Emergency telephone number

Chemtrec

1.800.424.9300 (Within USA)

+1.703.527.3887 (Outside USA)

## 2. HAZARDS IDENTIFICATION

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### Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

### Label elements

Signal word Not classified

Hazard statements

Symbols/Pictograms Not classified

Precautionary Statements - Prevention

Wash hands thoroughly after handling

Precautionary Statements -

IF exposed or concerned: Get medical advice/attention

Response

### Other Information

Health hazards not otherwise classified (HHNOC)

Not applicable

Physical hazards not otherwise classified (PHNOC)

Not applicable

Unknown acute toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Molecular Weight No information available

Formula No information available

## 4. FIRST AID MEASURES

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### Description of first aid measures

General advice	Consult a physician if necessary. Remove to fresh air.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Eye contact	Wash with plenty of water.
Skin contact	Wash skin with soap and water.
Ingestion	Never give anything by mouth to an unconscious person. Clean mouth with water.

### Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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### Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

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### Suitable Extinguishing Media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.

### Specific hazards arising from the chemical

Specific hazards arising from the chemical	No information available.
Hazardous combustion products	No information available.

### Explosion data

Sensitivity to mechanical impact	No information available.
Sensitivity to static discharge	No information available.

### Special protective equipment for fire-fighters

Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.
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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation, especially in confined areas.
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### Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

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### Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
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### Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

## Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

## Engineering controls

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

## Eye/face protection

Wear safety glasses with side shields (or goggles).

## Skin and body protection

Wear protective gloves and protective clothing.

## Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

## Physical State

No information available

## Appearance

No information available

## color

No information available

## Odor

No information available

## Odor Threshold

No information available

**Property****Values**

## pH

No information available

## Melting point/freezing point

No information available

## Boiling point/boiling range

No information available

## Flash point

No information available

## Evaporation rate

No information available

## Flammability (solid, gas)

No information available

## Flammability Limits in Air

## Upper flammability limits

No information available

## Lower flammability limit

No information available

## Vapor pressure

No information available

## Vapor density

No information available

## Relative Density

No information available

## Water solubility

No information available

## Solubility in other solvents

No information available

## Partition coefficient

No information available

## Autoignition temperature

No information available

## Decomposition temperature

No information available

## Kinematic viscosity

No information available

## Dynamic viscosity

No information available

## Explosive properties

No information available.

## Oxidizing properties

No information available.

## Softening point

No information available

## VOC Content (%)

No information available

## Liquid Density

No information available

## Bulk density

No information available

**10. STABILITY AND REACTIVITY**

Des[1-(4,4-difluorocyclohexanecarboxamido)-1-phenylpropyl]-3-hydroxymethyl Maraviroc

Reactivity	Not applicable.
Stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	No information available.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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### Numerical measures of toxicity

Unknown acute toxicity	100 % of the mixture consists of ingredient(s) of unknown toxicity
	100 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
	100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
	100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
	100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
	100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.
Carcinogenicity	No information available.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	May cause long lasting harmful effects to aquatic life.
Persistence and degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.
Other adverse effects	No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.  
Contaminated packaging Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

TDG Not regulated

## 15. REGULATORY INFORMATION

### International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable  
The Stockholm Convention on Persistent Organic Pollutants Not applicable  
The Rotterdam Convention Not applicable

### International Inventories

All of the components in the product are on the following Inventory lists  
TSCA (United States): Canada (DSL/NDSL) Europe (EINECS/ELINCS/NLP) Australia (AICS) South Korea (KECL): China (IECSC)  
ENCS (Japan): Philippines (PICCS)

X - Listed

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

## 16. OTHER INFORMATION

<b>NFPA</b>	Health hazards 0	Flammability 0	Instability 0	Physical and chemical properties - Personal protection X
<b>HMIS</b>	Health hazards 0	Flammability 0	Physical hazards 0	

### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals

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Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
RTECS (Registry of Toxic Effects of Chemical Substances)  
World Health Organization

**Revision date** 12-Jul-2018

**Revision note** No information available.

**Disclaimer**

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**End of Safety Data Sheet**