

### 72182 72184 - PD0325901

Revision Date 23-Nov-2022 Revision Number 2.3

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

Product identifier		
Product Name	PD0325901	
Other means of identification		
Catalog Number	72182 72184	
UN/ID no.	UN2811	
Document Number	DX21089	
Synonyms	N-[(2R)-2,3-dihydroxypropoxy]-3,4-difluoro-2-[(2-fluoro-4-iodophenyl)amino]-benzamide;	
Recommended use of the chemica	l and restrictions on use	
Recommended Use	Laboratory chemicals	
Details of the supplier of the safety data sheet Manufacturer/Supplier STEMCELL Technologies Canada Inc.		
Suite 500 - 1618 Station Street Vancouver, British Columbia V6A 1B	6 Canada	
Emergency telephone number		
Emergency Telephone	1-800-667-0322	
	2. HAZARDS IDENTIFICATION	
<u>Classification</u>		

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

# Hazards not otherwise classified (HNOC)

Not applicable

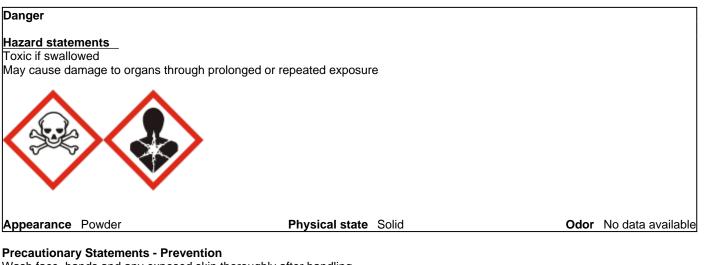
### Label elements





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Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Do not breathe dust/fume/gas/mist/vapors/spray

### **Precautionary statements - Response**

Get medical advice/attention if you feel unwell IF SWALLOWED: Immediately call a POISON CENTER or doctor Rinse mouth

### **Precautionary Statements - Storage**

Store locked up

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### Other Information

Very toxic to aquatic life with long lasting effects Very toxic to aquatic life

#### Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

### Substance





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### Synonyms

N-[(2R)-2,3-dihydroxypropoxy]-3,4-difluoro-2-[(2-fluoro-4-iodophenyl)amino]-benzamide;.

Chemical name	CAS No.	Weight-%
N-[(2R)-2,3-dihydroxypropoxy]-3,4-difluoro-2-(2-fluo	391210-10-9	100
ro-4-iodoanilino)benzamide		

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

# 4. FIRST AID MEASURES

### Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

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

Symptoms	No information available.

### Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

### **5. FIRE-FIGHTING MEASURES**

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	No information available.
Explosion data	





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Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
Personal precautions	Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas.
Other Information	Refer to protective measures listed in Sections 7 and 8.
Environmental precautions	
Environmental precadions	
Environmental precautions	See Section 12 for additional Ecological Information.
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.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

# 7. HANDLING AND STORAGE

Precautions for safe handling	
Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation.
Conditions for safe storage, including any incompatibilities	
Storage Conditions	Store in accordance with information listed on the Product Information Sheet (PIS). Keep out of the reach of children.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters





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Exposure Limits	The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.	
Appropriate engineering controls		
Engineering controls	Showers Eyewash stations Ventilation systems.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	No special protective equipment required.	
Skin and body protection	No special protective equipment required.	
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

#### Information on basic physical and chemical properties **Physical state** Solid Appearance Powder Color No information available Odor No data available **Odor threshold** No data available Remarks • Method Property Values No data available None known pН Melting point / freezing point No data available None known Boiling point / boiling range No data available None known Flash point No data available None known **Evaporation rate** No data available None known Flammability (solid, gas) Product is not flammable. None known Flammability Limit in Air None known Upper flammability limit: No data available





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- Lower flammability limit: Vapor pressure Vapor density Relative density Water solubility Solubility in other solvents Partition coefficient Autoignition temperature Decomposition temperature Kinematic viscosity Dynamic viscosity Explosive properties Oxidizing properties
- Other Information Softening point Molecular weight Molecular formula VOC Content (%) Liquid Density Bulk density

No data available No data available No data available No data available DMSO: 12 mg/mL No data available No data available

No information available 482.2 C16H14F3IN2O4 No information available No information available No information available None known None known

### **10. STABILITY AND REACTIVITY**

Reactivity	No information available.
Chemical stability	Stable under recommended transport or storage conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	s Carbon monoxide. Carbon dioxide (CO2). Hydrogen fluoride. Hydrogen iodide. Nitrogen oxides (NOx).

### **11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

#### **Product Information**

Inhalation

Specific test data for the substance or mixture is not available.



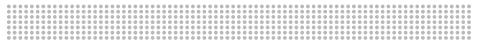


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Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available. Toxic if swallowed. (based on components).
Symptoms related to the physical,	chemical and toxicological characteristics
Symptoms	No information available.
Numerical measures of toxicity	
Acute toxicity	
The following values are calculated ATEmix (oral)	I based on chapter 3.1 of the GHS document 100.00 mg/kg
0 % of the mixture consists of ing 0 % of the mixture consists of ing 0 % of the mixture consists of ing 0 % of the mixture consists of ing Product Information	redient(s) of unknown acute oral toxicity redient(s) of unknown acute dermal toxicity redient(s) of unknown acute inhalation toxicity (gas) redient(s) of unknown acute inhalation toxicity (vapor) redient(s) of unknown acute inhalation toxicity (dust/mist)
Skin corrosion/irritation	No information available.
Product Information	
Serious eye damage/eye irritation Product Information	No information available.
Respiratory or skin sensitization Product Information	No information available.
Germ cell mutagenicity Product Information	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
	Product Information
STOT - single exposure	No information available.
	Product Information





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STOT - repeated exposure	May cause damage to organs.
	Product Information
Aspiration hazard	No information available.
	12. ECOLOGICAL INFORMATION
Ecotoxicity	The environmental impact of this product has not been fully investigated. Product Information
Persistence and degradability	No information available.
Bioaccumulation	There is no data for this product.
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**

Note:	When sold in quantities of less than or equal to 1 mL, or 1 g, with an Excepted Quantity Code of E1, E2, E4, or E5, this item meets the De Minimis Quantities exemption, per IATA 2.6.10. Therefore packaging does not have to be labeled as Dangerous Goods/Excepted Quantity.
<u>DOT</u> UN/ID no. Proper shipping name Hazard class Packing Group	UN2811 Toxic solids, organic, n.o.s. (PD 0325901) 6.1 Toxic substances III





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TDG	Not regulated
MEX	Not regulated
ICAO (air)	Not regulated
<u>IATA</u> UN Number UN proper shipping name Transport hazard class(es) Packing Group	UN2811 Toxic solids, organic, n.o.s. (PD 0325901) 6.1 Toxic substances III
IMDG UN Number UN proper shipping name Transport hazard class(es) Packing Group	UN2811 TOXIC SOLID, ORGANIC, N.O.S. (PD 0325901) 6.1 Toxic substances III
<u>RID</u>	Not regulated
ADR	Not regulated
ADN	Not regulated

### **15. REGULATORY INFORMATION**

International Inventories	
TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

**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

#### **US Federal Regulations**

### SARA 313





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Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### **US State Regulations**

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations **US State Regulations** 

### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

### 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Prepared By,	Quality Control. STEMCELL Technologies Canada Inc.	
Revision Date	23-Nov-2022	
Revision Note Disclaimer	No information available.	
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at th		





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date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. STEMCELL Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the product.

**End of Safety Data Sheet**