



BRL 15572 hydrochloride: sc-202979

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: BRL 15572 hydrochloride

Catalog Number: sc-202979

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

<u>Substance Name</u>	<u>CAS #</u>	<u>SARA 313</u>
BRL 15572 hydrochloride	193611-72-2	Yes

The following ingredients are present as residual components of production:

<u>Ingredient Name</u>	<u>CAS #</u>	<u>%</u>	<u>SARA 313</u>
Methanol	67-56-1	3.61	Yes

Synonyms: 3-[4-(4-Chlorophenyl)piperazin-1-yl]-1,1-diphenyl-2-propanol
• HCl; BRL 15572;

Formula: $C_{25}H_{27}ClN_2O \cdot HCl$

Molecular Weight: 443.42

SECTION 3 - HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

Harmful.

Harmful by inhalation and if swallowed. Irritating to eyes, respiratory system and skin.

Target organ(s): Eyes. Kidneys.

The hazards identified with this product are those associated with the solvent(s).

HMIS RATING

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 1

NFPA RATING

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 1

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 immediately.

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 skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

EYE EXPOSURE

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5 - FIRE FIGHTING MEASURES

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): Combustible liquid.

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

Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 - HANDLING AND STORAGE**HANDLING**

User Exposure: Do not breathe vapor. Avoid contact with eyes, skin, and clothing.
Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep container closed. Keep away from heat and open flame. Store in a cool dry place. Store with desiccant.

SPECIAL REQUIREMENTS

Hygroscopic.

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). Use supplied-air or SCBA respirators. Europe permits the use of type AXBEK full-face cartridge respirators (EN 14387).

Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

EXPOSURE LIMITS

<u>Country</u>	<u>Source</u>	<u>Type</u>	<u>Value</u>
Poland		NDS	100 MG/M3
Poland		NDSch	300 MG/M3
Poland		NDSP	—

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

Physical StateSolid
pHN/A
BP/BP RangeN/A
MP/MP Range188.0 - 190.0° C
Freezing PointN/A

continued...

Vapor PressureN/A
 Vapor DensityN/A
 Saturated Vapor Conc.N/A
 Bulk DensityN/A
 Odor ThresholdN/A
 Volatile%N/A
 VOC ContentN/A
 Water ContentN/A
 Solvent ContentN/A
 Evaporation RateN/A
 ViscosityN/A
 Surface TensionN/A
 Partition CoefficientN/A
 Decomposition Temp.N/A
 Flash PointN/A
 Explosion LimitsN/A
 FlammabilityN/A
 Autoignition TempN/A
 Refractive IndexN/A
 Optical RotationN/A
 Miscellaneous DataN/A
 Solubility in Water5 mg/ml H₂O hot
 Solubility in Other Solvents> 40 MG/ML DMSO
 N/A = not available

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

Stable: Stable.
 Conditions to Avoid: Moisture.
 Materials to Avoid: Acids, Acid chlorides, Acid anhydrides, Alkali metals,
 Oxidizing agents, Reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE

Skin Contact: Causes skin irritation.
 Skin Absorption: May be harmful if absorbed through the skin.
 Eye Contact: Causes eye irritation.
 Inhalation: Harmful if inhaled. Material is irritating to mucous membranes and
 upper respiratory tract.
 Ingestion: Harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Heart. Eyes. Kidneys. Liver.

SIGNS AND SYMPTOMS OF EXPOSURE

May cause convulsions. Gastrointestinal disturbances.

SECTION 12 - ECOLOGICAL INFORMATION

No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Contact a licensed professional waste disposal service to dispose of this materi-
 al. Burn in a chemical incinerator equipped with an afterburner and scrubber but
 exert extra care in igniting as this material is highly flammable. Observe all fed-
 eral, 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

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn
 Indication of Danger: Harmful.
 R: 20/22-36/37/38
 Risk Statements: Harmful by inhalation and if swallowed. Irritating to eyes, res-
 piratory system and skin.
 S: 26-45-36
 Safety Statements: In case of contact with eyes, rinse immediately with plenty
 of water and seek medical advice. In case of accident or if you feel unwell, seek
 medical advice immediately (show the label where possible). Wear suitable
 protective clothing.

US CLASSIFICATION AND LABEL TEXT

Indication of Danger: Harmful.
 Risk Statements: Harmful by inhalation and if swallowed.
 Irritating to eyes, respiratory system and skin.
 Safety Statements: In case of contact with eyes, rinse immediately with plenty
 of water and seek medical advice. In case of accident or if you feel unwell, seek
 medical advice immediately (show the label where possible). Wear suitable
 protective clothing.
 US Statements: Target organ(s): Eyes. Kidneys.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: Yes
 NOTES: This product is or contains a component that is subject to SARA313
 reporting requirements.

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 com-
 plete and should be used only as a guide. The burden of safe use of this material
 rests entirely with the user.*

6/9/2011