

Fasudil, Monohydrochloride Salt: sc-203418



The Power to Question

Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE

Product Name: Fasudil, Monohydrochloride Salt

Catalog Number: sc-203418

Company: Santa Cruz Biotechnology, Inc.

2145 Delaware Avenue

Santa Cruz, California 95060 800.457.3801 or 831.457.3800

2. COMPOSITION/DATA ON COMPONENTS

Chemical Name: 1-(5-Isoquinolinesulfonyl)homopiperazine Monohydrochloride

Synonyms: HA-1077 Monohydrochloride; Eril; AT-877

Hazardous Ingredient: HA-1077, Monohydrochloride Salt

CAS Registry Number: 105628-07-7

Molecular Weight: 327.83

Molecular Formula: $C_{14}H_{17}N_3O_2S \cdot HCl$

3. HAZARDS IDENTIFICATION

Hazard Description: May be an irritant; exposure may cause irritation to eyes, skin, mucous membranes, and upper respiratory tract

Information pertaining to particular dangers for man and environment:

HMIS Ratings: Health =1 Flammability =0 Reactivity =0

4. FIRST AID MEASURES

After Inhalation: If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration

After skin contact: flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

After eye contact: flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician

After swallowing: if swallowed, wash out mouth with copious amounts of water; call a physician

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: water spray, carbon dioxide, dry chemical powder or foam

Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire hazard: may emit toxic fumes under fire conditions

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

Measures for cleaning/collecting: absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

7. HANDLING AND STORAGE

Information for safe handling: avoid contact with skin, eyes and clothing; material may be an irritant

Storage: store solid and solutions at -20 °C

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal protective equipment as follows:

Breathing equipment: NIOSH/MSHA-approved respirator

Protection of hands: chemical-resistant rubber gloves

Eye protection: chemical safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: crystalline solid

Color: white

Odor: none

Melting point/Melting range:

Danger of explosion: none

Solubility in / Miscibility with water: very soluble in water, up to about 200 mg/mL

Solvent content: none

Organic solvents: soluble in DMSO up to about 95 mg/mL; not soluble in ethanol

10. STABILITY AND REACTIVITY

Stability: avoid acids and bases

Thermal decomposition / conditions to be avoided: protect from light and heat

Dangerous products of decomposition: thermal decomposition may produce toxic gases such as carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Acute toxicity: none known

Primary irritant effect:

On the skin: none known

On the eye: not known; may be an irritant

12. ECOLOGICAL INFORMATION

General notes: no data available

13. DISPOSAL CONSIDERATION

Dispose of in accordance with prevailing country, federal, state and local regulations

14. TRANSPORT INFORMATION

DOT:

Proper shipping name: none

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

IATA class:

Proper shipping name: none

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

15. REGULATIONS

Code letter and hazard designation of product:

Hazard-determining components of labeling:

EU Risk And Safety phrases:

S22: Do not breathe dust

S24/25: Avoid contact with skin and eyes

S36/37/39: Wear suitable protective clothing, gloves, and eye/face protection

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed

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.

Emergency Contact:

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or Luis Yanez 831.251.2170

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