

CAY10505: sc-364456



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CAY10505
Product Number: sc-364456
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

Emergency overview

Toxic. Contains a pharmaceutically active ingredient. Handling should only be performed by personnel trained and familiar with handling of potent active pharmaceutical ingredients. Moderate to severe irritant to the skin and eyes.

EU Classification

Risk phrases

R28 Very toxic if swallowed
R38 Irritating to skin
R41 Risk of serious damages to eyes
R48 Toxic; danger of serious damage to health by prolonged exposure
R62 Possible risk of impaired fertility
R63 Possible risk of harm to unborn child

Safety phrases

S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin, wash immediately with plenty of water
S36/37/39 Wear protective clothing, gloves and eye/face protection

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: (5E)-5-([5-(4-fluorophenyl)furan-2-yl]methylidene)-1,3-thiazolidine-2,4-dione
Formula: C₁₄H₈FNO₃S
Molecular weight: 289.28
CAS #: 1218777-13-9

4. FIRST AID MEASURES

In inhaled

Remove to fresh air; if breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

In case of skin contact

Flush with copious amounts of water. Remove contaminated clothing and shoes. Call a physician.

In case of eye contact

Check for and remove contact lenses and flush with copious amounts of water. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

If swallowed

Wash out mouth with copious amounts of water; call a physician.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Water spray, carbon dioxide, dry chemical powder or foam.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Hazardous combustion products

Emits toxic fumes such as carbon monoxide, etc.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves.

Methods and materials for containment and cleaning up

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

Precautions for safe handling

Avoid inhalation and contact with skin, eyes and clothing. Material may be an irritant.

Conditions for safe storage

Store at -20° C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

NIOSH/MSHA-approved respirator

Hand protection

Chemical-resistant rubber gloves

Eye protection

Chemical safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	powder	Melting point/range	no data available
Boiling point/range	no data available	Flash point	no data available
Density	no data available	Vapor pressure	no data available
Vapor density	no data available	Partition coefficient	no data available
Solubility	DMSO 58 mg/mL		

10. STABILITY AND REACTIVITY

Chemical stability

Stable if stored as directed

Materials to avoid

Strong oxidizing agents.

Conditions to avoid

Protect from light and heat

Hazardous decomposition products

Thermal decomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Primary irritant effect

On the skin: no data available

On the eyes: no data available

Additional information

RTECS: no data available

12. ECOLOGICAL INFORMATION

no data available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

EU Classification

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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.

03/05/2014