

# Mocetinostat: sc-364539



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION:

**Product Name:** Mocetinostat

**Catalog number:** sc-364539

**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. COMPOSITION/DATA ON COMPONENTS:

**Chemical Name:** N(2aminophenyl)4[(4pyridin3ylpyrimidin2yl)amino]methyl]benzamide

**Synonyms:** MG0103

**Hazardous Ingredient:** Mocetinostat

**CAS Registry Number:** 726169-73-9

**Molecular Weight:** 396.44

**Molecular Formula:** C<sub>23</sub>H<sub>20</sub>N<sub>6</sub>O

### 3. HAZARDS IDENTIFICATION:

**Hazard Description:** Toxic if swallowed or inhaled

Exposure may be harmful to unborn child

Exposure may cause adverse gastrointestinal and blood effects including thrombocytopenia (low platelet count), neutropenia (low white blood cell count), fatigue, nausea, vomiting, dehydration, loss of appetite, and pneumonia

Exposure may cause irritation to eyes, mucous membranes, upper respiratory tract, and skin

### 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:** check for and remove contact lenses; 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 such as carbon monoxide, etc.

### 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; granular or powder

**Odor:** none

**Melting point/range:** not determined

**Danger of explosion:** none

**Solubility in/Miscibility with water:** not determined

**Organic solvents:** soluble in DMSO

## 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, and nitrogen oxides

## 11. TOXICOLOGICAL INFORMATION:

**RTECS No:** not available

**Acute toxicity:** not known

**Primary irritant effect:**

**Primary irritant effect:** not known

**On the skin:** not known; may be an irritant

**On the eye:** not known; may be an irritant

**Inhalation:** toxic if inhaled

**Ingestion:** toxic if swallowed

## 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:

UN number: 2811

**DOT:**

Proper shipping name: Toxic solid, organic, n.o.s. (N(2aminophenyl)4[[[(4pyridin3ylpyrimidin2yl)amino]methyl] benzamide)

Hazard Class: 6.1

Packing group: III

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**15. REGULATIONS:****Code letter and hazard designation of product:**

T Toxic

**EU Risk And Safety phrases:**

S22	Do not breathe dust
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
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

**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.*

5/15/2013