

# PIK-294: sc-364586



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION:

**Product Name:** PIK-294  
**Product Number:** sc-364586  
**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:** 2-((4-amino-3-(3-hydroxyphenyl)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)methyl)-5-methyl-3-o-tolylquinazolin-4(3H)-one  
**Synonyms:** N/A  
**Hazardous Ingredient:** PIK-294  
**CAS Registry Number:** 900185-02-6  
**Molecular Weight:** 489.53  
**Molecular Formula:** C<sub>28</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>

### 3. Hazard identification

**Hazard Description:** 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.

### 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 and 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:** emits toxic fumes 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

**Information for safe handling:** avoid inhalation and contact with skin, eyes and clothing; material may be an irritant. Store 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. Stability and reactivity

**Stability:** stable if stored as directed; avoid strong oxidizing agents

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

**Dangerous products of decomposition:** thermal composition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides

## 10. Toxicological information

**RTECS#:**

**Acutotoxicity:** none known

**Primary irritant effect:** not known

**On the skin:** none known

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

## 11. Ecological information

**General notes:** no data available

## 12. Disposal consideration

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

## 13. 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

## 14. Regulations

**Code letter and hazard designation of product**

**Hazard-determining components of labeling**

**EU Risk And 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

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

**15. 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.*

11/5/2012