

1,2,3,4-Tetrahydro Staurosporine: sc-206233



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name 1,2,3,4-Tetrahydro Staurosporine

Catalog Number sc-206233

CAS# 220038-19-7

Synonyms (9S,10R,11R,13R)-2,3,10,11,12,13,15,16,17,18-Decahydro-10-methoxy-9-methyl-11-(methylamino)-9,13-epoxy-1H,9H-diindolo[1,2,3-gh:3',2',1'-lm]pyrrolo[3,4-j][1,7]benzodiazonin-1-one; AFN 941;

Supplier Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
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 - Hazardous Ingredients / Identity Information

The toxicological properties of this compound have not been thoroughly tested. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A

Vapor Pressure N/A

Vapor Density N/A

Solubility in Water N/A

Appearance and Odor

N/A

Specific Gravity(H₂O=1)

N/A

Melting Point

N/A

Evaporation Rate (Butyl Acetate=1) N/A

Section 4 - Reactive Data

Stability Stable

Conditions to Avoid strong oxidizers

Hazardous Decomposition or Byproducts toxic fumes of carbon monoxide, carbon dioxide and nitrogen oxides

Incompatibility (Materials to Avoid)

strong oxidizing agents

Hazardous Polymerization

will not occur

Section 5 - Control Measures

Respiratory Protection Niosh/Msha approved respirator

Protective Gloves chemical resistant gloves

Other Protective Clothing lab coat/apron

Ventilation

Eye Protection

Other Protection

hood

safety goggles

eye safety wash

Section 6 - First Aid Measures

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion Wash out mouth with water provided person is conscious. Call a physician immediately.

Eyes In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Staurosporine derivative for use as isoenzyme PKC α inhibitors and anticancer agents.

<i>Medical Conditions Generally Aggravated by Exposure</i>	The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.
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Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	Wear appropriate chemical resistant apparel. Evacuate area. Avoid raising dust during clean-up. Absorb on sand or vermiculite and place in closed containers for disposal.
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<i>Waste Disposal Method</i>	Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.
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<i>Precautions to Be Taken in Handling and Storage</i>	Avoid contact & inhalation. Keep tightly closed. Restrict handling by unqualified personnel. Do not breath vapour. Wash thoroughly after handling. Remove and wash contaminated clothing. Store in a cool dry place.
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Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	Carbon Dioxide, dry powder or foam
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<i>Special Fire Fighting Procedures</i>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
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<i>Unusual Fire and Explosion Hazards</i>	Emits toxic fumes under fire conditions.
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Section 10 - Transportation Information and regulatory information

Transportation 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.

UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

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

NDL: No

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.

10/14/2010