

4-[(4,6-Dichloro-2-pyrimidinyl)amino]benzonitrile: sc-206787



MATERIAL SAFETY DATA SHEET

The Power to Question

Section 1 - Chemical and Company Information

Chemical Name 4-[(4,6-Dichloro-2-pyrimidinyl)amino]benzonitrile

Catalog Nbr sc-206787

Cas Reg. No 329187-59-9

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 have not been thoroughly investigated. Exercise due care!

Section 3 - Physical/Chemical Characteristics

<i>Boiling Point</i> N/A	<i>Appearance and Odor</i> N/A
<i>Vapor Pressure</i> N/A	<i>Specific Gravity(H₂O=1)</i> N/A
<i>Vapor Density</i> N/A	<i>Melting Point</i> N/A
<i>Solubility in Water</i> N/A	<i>Evaporation Rate (Butyl Acetate=1)</i> N/A
<i>Molecular Formula</i> C ₁₁ H ₆ Cl ₂ N ₄	
<i>Molecular Weight</i> 265.10	

Section 4 - Reactive Data

<i>Stability</i> Stable	<i>Incompatibility (Materials to Avoid)</i> Strong oxidizers
<i>Conditions to Avoid</i> strong oxidizers	
<i>Hazardous Decomposition or Byproducts</i> toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride gas	<i>Hazardous Polymerization</i> will not occur

Section 5 - Control Measures

<i>Respiratory Protection</i> Niosh/Msha approved respirator	<i>Ventilation</i> Hood
<i>Protective Gloves</i> Chemical resistant gloves	<i>Eye Protection</i> chemical safety goggles
<i>Other Protective Clothing</i> Lab coat or apron	<i>Other Protection</i> safety shower and eye bath

Section 6 - First Aid Measures

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

Skin Rinse with copious amounts of water for 15 minutes. Remove contaminated clothing and shoes.

Ingestion Rinse mouth out with water, provided the person is conscious. Seek medical attention.

Eyes Flush eyes with copious amounts of water, separating eyelids with fingers.

Section 7 - Health Hazard Data

*Health Hazards
(Acute and Chronic)*

the toxicological properties have not been thoroughly investigated, exercise due care

Skin Contact: May Causes skin irritation.

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

Eye Contact: Causes eye irritation.

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

Ingestion: May be harmful if swallowed.

Intermediate in the preparation of HIV replication inhibitors

*Medical Conditions
Generally Aggravated by
Exposure*

The toxicological properties have not been thoroughly investigated. Exercise due care!

Section 8 - Precautions for Safe Handling and Use

*Steps to be Taken in
Case Material is
Released or Spilled*

wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method

Dispose of in accordance with all federal, state and local environmental regulations.

*Precautions to Be
Taken in Handling
and Storage*

Store in a cool, dry and well ventilated area. Keep all containers securely closed when not in use. Store at -20° C.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

Water; Carbon dioxide; dry powder; other media - not determined.

*Special Fire Fighting
Procedures*

Use water spray to cool fire - exposed containers and structures. Use water spray to disperse any vapors; reignition is always a potential. Use self-contained breathing apparatus as described above.

*Unusual Fire and
Explosion Hazards*

Toxic fumes are emitted under fire conditions.

Section 10 - Transportation Information and regulatory information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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.