

5-Amino-2-(4-aminophenyl)benzoxazole: sc-206984

Material Safety Data Sheet



The Power to Question

Section 1

Chemical Name 5-Amino-2-(4-aminophenyl)benzoxazole

Synonyms 5-Amino-2-(p-aminophenyl)benzoxazole; 2-(4-Amino-phenyl)-benzooxazol-5-ylamine; 2-(4-Aminophenyl)-5-aminobenzoxazole; 5-Amino-2-(4-aminophenyl)benzoxazole

Catalogue # sc-206984

Cas Reg. No 13676-47-6

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

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

Section 3 - Physical/Chemical Characteristics

<i>Boiling Point</i>	N/A	<i>Apearance and Odor</i>	Off-White to Tan Solid
<i>Vapor Pressure</i>	N/A	<i>Specific Gravity(H₂O=1)</i>	N/A
<i>Vapor Density</i>	N/A	<i>Melting Point</i>	231-233°C
<i>Solubility in Water</i>	N/A	<i>Evaporation Rate (Butyl Acetate=1)</i>	N/A

Section 4 - Reactive Data

<i>Stability</i>	Good	<i>Incompatability (Materials to Avoid)</i>	Strong oxidizing agents
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Conditions to Avoid Strong oxidizing agents

<i>Hazardous Decomposition or Byproducts</i>	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides	<i>Hazardous Polymerization</i>	will not occur
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Section 5 - Control Measures

<i>Respiratory Protection</i>	Niosh/Msha approved respirator	<i>Ventilation</i>	Chemical Fume Hood
<i>Protective Gloves</i>	Rubber Gloves	<i>Eye Protection</i>	Chemical Goggles
<i>Other Protective Clothing</i>	Lab Coat/Apron	<i>Other Protection</i>	Eye Safety Wash

Section 6 - First Aid Measures

<i>Inhalation</i>	If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
<i>Skin</i>	In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing.
<i>Ingestion</i>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
<i>Eyes</i>	In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

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.

Medical Conditions
Generally Aggravated by
Exposure

To the best of our knowledge, the chemical, physical, and 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 protective equipment. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Precautions to Be
Taken in Handling
and Storage

Keep tightly closed.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

Special Fire Fighting
Procedures

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

Unusual Fire and
Explosion Hazards

Emits toxic fumes under fire conditions.

Section 10 - Transportation Information and regulatory 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.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We will not be held responsible for any damage resulting from handling or contact with the chemical described.

Section 11 - 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.