

# 5-Bromo Brassinin: sc-207004



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical and Company Information

Chemical Name	5-Bromo Brassinin		
Catalog Number	sc-207004		
CAS#	1076199-55-7		
Synonyms	N-[(5-Bromo-1H-isoindol-3-yl)methyl]carbamodithioic Acid Methyl Ester;		
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	Appearance and Odor	N/A
Vapor Pressure	N/A	Specific Gravity(H <sub>2</sub> O=1)	N/A
Vapor Density	N/A	Melting Point	N/A
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

### Section 4 - Reactive Data

Stability	Stable	Incompatibility (Materials to Avoid)	Strong oxidizers
Conditions to Avoid	Strong oxidizers	Hazardous Polymerization	will not occur
Hazardous Decomposition or Byproducts	toxic fumes of Carbon Monoxide, carbon dioxide, Nitrogen Oxides, sulfur oxides and hydrogen bromide.		

### Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	Hood
Protective Gloves	chemical resistant gloves	Eye Protection	chemical safety goggles
Other Protective Clothing	lab coat or apron	Other Protection	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 min, remove contaminated clothing and shoes
Ingestion	rinse mouth out with water provide the person is conscious. seek medical attention
Eyes	flush eyes with copious amounts of water 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: Causes severe eye irritation.

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

Ingestion: Harmful if swallowed.

#### SIGNS AND SYMPTOMS OF EXPOSURE

The chemical, physical, and toxicological properties of this product have not been thoroughly investigated.

A derivative of Brassinin.

Medical Conditions Compound is Mutagenic & Carcinogenic.

Generally Aggravated by Exposure May be harmful by inhalation, ingestion or skin absorption. may cause irritation.

## Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	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.
<i>Waste Disposal Method</i>	dissolve or mix 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
<i>Precautions to Be Taken in Handling and Storage</i>	Avoid contact and inhalation. Keep tightly closed. Restrict handling by unqualified personnel. Store in a Freezer, avoid prolong, repeated exposure. wash after handling

## Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	water spray. Carbon dioxide, Dry chemical powder or appropriate foam.
<i>Special Fire Fighting Procedures</i>	wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes
<i>Unusual Fire and Explosion Hazards</i>	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 complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

10/8/2010