

ABT 737: sc-207242



The Power to Question

Material Safety Data Sheet

Section 1

Chemical Name **ABT 737**

Synonyms **4-[4-[(4'-Chloro[1,1'-biphenyl]-2-yl)methyl]-1-piperazinyl]-N-[[4-[(1R)-3-(dimethylamino)-1-[(phenylthio)methyl]propyl]amino]-3-nitrophenyl]sulfonyl]benzamide;**

Catalog Nbr **sc-207242**

Cas Reg. No **852808-04-9**

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

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

Boiling Point **N/A**

Vapor Pressure **N/A**

Vapor Density **N/A**

Solubility in Water **N/A**

Appearance and Odor **Yellow Solid**

Specific Gravity(H₂O=1) **N/A**

Melting Point **152-154°C**

Evaporation Rate (Butyl Acetate=1) **N/A**

Section 4 - Reactive Data

Stability **Good,**

Incompatibility
(Materials to Avoid)

Strong oxidizing agents

Conditions to Avoid **Strong oxidizers**

Hazardous
Decomposition or
Byproducts

**Toxic fumes of: carbon monoxide,
carbon dioxide, nitrogen oxides, sulfur
oxides and hydrogen chloride gas**

Hazardous Polymerization **Will not occur**

Section 5 - Control Measures

Respiratory Protection **Niosh/Msha approved respirator**

Ventilation

Chemical Fume Hood

Protective Gloves **Rubber Gloves**

Other Protective Clothing **Lab Coat/Apron**

Eye Protection

Chemical Safety Goggles

Other Protection

Eye Safety Wash

Section 6 - First Aid Measures

Inhalation **If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.**

Skin **In case of contact, immediately wash skin with soap and copious amounts of water.**

Ingestion **If swallowed, wash out mouth with water provided person is conscious. Call a physician.**

Eyes **In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.**

Section 7 - Health Hazard Data

*Health Hazards
(Acute and Chronic)*

Skin Contact: May cause skin irritation.

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

Eye Contact: May cause eye irritation.

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

Ingestion: May be harmful if swallowed.

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

A selective inhibitor of BCL-2, in small cell lung cancer. ABT-737 induced dramatic regressions in tumors derived from some SCLC cell lines.

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*Medical Conditions
Generally Aggravated by
Exposure*

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 a bag, and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pick-up 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*

Mechanical exhaust required. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

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.

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.