

# Lansoprazole Sulfone: sc-207821



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical and Company Information

*Chemical Name*      **Lansoprazole Sulfone**  
*Catalog Number*    **sc-207821**  
*CAS#*                **131926-99-3**  
*Synonyms*          **2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfonyl]-1H-benzimidazole; AG 1813;**

<i>Supplier</i>	<b>Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800</b>	<i>Emergency</i>	<b>ChemWatch Within the US &amp; Canada: 877-715-9305 Outside the US &amp; Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112</b>
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### 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

<i>Boiling Point</i> <b>N/A</b>	<i>Appearance and Odor</i>	<b>White Solid</b>
<i>Vapor Pressure</i> <b>N/A</b>	<i>Specific Gravity(H<sub>2</sub>O=1)</i>	<b>N/A</b>
<i>Vapor Density</i> <b>N/A</b>	<i>Melting Point</i>	<b>207° C (dec.)</b>
<i>Solubility in Water</i> <b>N/A</b>	<i>Evaporation Rate (Butyl Acetate=1)</i>	<b>N/A</b>

### Section 4 - Reactive Data

<i>Stability</i> <b>Stable</b>	<i>Incompatibility (Materials to Avoid)</i>	<b>Strong oxidizing agents.</b>
<i>Conditions to Avoid</i> <b>Strong oxidizers</b>	<i>Hazardous Polymerization</i>	<b>will not occur</b>
<i>Hazardous Decomposition or Byproducts</i>	<b>toxic fumes of carbon monoxide, carbon dioxide, and nitrogen oxides, hydrogen fluoride, sulfur oxides</b>	

### Section 5 - Control Measures

<i>Respiratory Protection</i>	<b>Niosh/Msha approved respirator</b>	<i>Ventilation</i>	<b>hood</b>
<i>Protective Gloves</i>	<b>chemical resistant gloves</b>	<i>Eye Protection</i>	<b>safety goggles</b>
<i>Other Protective Clothing</i>	<b>lab coat/apron</b>	<i>Other Protection</i>	<b>eye safety wash</b>

### 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

**Inhalation: Material is irritating to mucous membranes and upperrespiratory tract.  
Multiple Routes: Causes eye and skin irritation. May be harmful by inhalation, ingestion, or skin absorption.**

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

A metabolite of Lansoprazole, as gastric pump inhibitor.

Medical Conditions  
Generally Aggravated by  
Exposure

The toxicological properties of this compound 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 appropriate chemical resistant apparel. Evacuate area. Avoid raising dust during clean-up. Absorb on sand or vermiculite and place in closed containers for disposal.

Waste Disposal Method

Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

Precautions to Be  
Taken in Handling  
and Storage

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.

### Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

Carbon Dioxide, dry powder or 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

#### 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.

*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.*

9/1/2010