

ENMD 547: sc-207618



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name **ENMD 547**

Synonyms **6-Amino-1-[4-(3-methyl-1-oxobutyl)-1-piperazinyl]-1-hexanone Hydrobromide; 1-(6-Amino-1-oxohexyl)-4-(3-methyl-1-oxobutyl)piperazine Monohydrobromide;**

Catalog Nbr **sc-207618**

Supplier **Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, California 95060
800.457.3801 or 831.457.3800**

Cas Reg. No **644961-61-5**

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 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>Formula</i>	C₁₅H₃₀BrN₃O₂		
<i>Weight</i>	364.32		

Section 4 - Reactive Data

<i>Stability</i>	stable	<i>Incompatibility (Materials to Avoid)</i>	strong oxidizing agents,
<i>Conditions to Avoid</i>	Strong oxidizers		
<i>Hazardous Decomposition or Byproducts</i>	toxic fumes of carbon monoxide, carbon dioxide, and hydrogen bromide 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

<i>Inhalation</i>	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen in a non-flammable area.
<i>Skin</i>	In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.
<i>Ingestion</i>	If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.
<i>Eyes</i>	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes, separating the 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.

Additional information

A selective PAR-2 antagonist. Dose dependently inhibits calcium signaling in Lewis lung carcinoma cells stimulated with a soluble peptide PAR-2 agonist or trypsin, but not with a soluble PAR-1 agonist. Does not inhibit platelet aggregation stimulated by thrombin suggesting that it does not inhibit PAR-3 or PAR-4 signaling. Reduces TNF- α and IL-1 β production from rheumatoid arthritis synovial primary cell culture and reduces joint swelling in a carageenan/kaloin-injected mouse model.

<i>Medical Conditions Generally Aggravated by Exposure</i>	The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.
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Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	Ventilate area and wash spill site after material pickup is complete. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Evacuate the area.
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<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.
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<i>Precautions to Be Taken in Handling and Storage</i>	Wear appropriate chemical resistant gloves & safety glasses. Use only in chemical fume hood. For short term use (1-3mon.), store desiccated. For long term storage (3-12 mon.), store desiccated & refrigerate (-20 to 0°C). Avoid exposure to sunlight.
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Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	water spray. carbon dioxide, dry chemical powder or appropriate foam.
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<i>Special Fire Fighting Procedures</i>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
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<i>Unusual Fire and Explosion Hazards</i>	emits toxic fumes under fire conditions.
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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.

5/4/2011