

4,10-Bis[(1-oxido-2-pyridinyl)methyl]-1,7-bis [2-(acetylamino)ethylmethanesulfonothioate] Ditrifluoroacetate Salt: sc-210159



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1

Chemical Name 4,10-Bis[(1-oxido-2-pyridinyl)methyl]-1,7-bis[2-(acetylamino)ethylmethanesulfonothioate] Ditrifluoroacetate Salt

Synonyms Methanesulfonothioic Acid S1,S1'-[[[4,10-Bis[(1-oxido-2-pyridinyl)methyl]-1,4,7,10-tetraazacyclododecane-1,7-diyl]bis[(1-oxo-2,1-ethanediy)imino-2,1-ethanediy]] Ester; CLaNP-5;

Catalog Nbr sc-210159

Cas Reg. No 947326-26-3

Supplier Santa Cruz Biotechnology, Inc.
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Santa Cruz, California 95060
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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 have not been thoroughly investigated. Exercise due care!

Section 3 - Physical/Chemical Characteristics

Boiling Point N/A	Appearance and Odor N/A
Vapor Pressure N/A	Specific Gravity(H₂O=1) N/A
Vapor Density N/A	Melting Point N/A
Solubility in Water N/A	Evaporation Rate (Butyl Acetate=1) N/A
Molecular Formula C ₃₀ H ₄₈ N ₈ O ₈ S ₄	
Molecular Weight 777	

Section 4 - Reactive Data

Stability Stable, moisture sensitive, store under inert gas	Incompatibility (Materials to Avoid) strong oxidizing agents
Conditions to Avoid strong oxidizing agents	
Hazardous Decomposition or Byproducts sulfur oxides, carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides	Hazardous Polymerization will not occur

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 minutes. Remove contaminated clothing and shoes.
Ingestion	Rinse mouth out with water, provided the person is conscious. Seek medical attention.
Eyes	Flush eyes with copious amounts of water, separating 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.

Lanthanide chelator, Caged Lanthanide NMR Probe 5 (CLaNP-5) readily attachable to a protein surface via two cysteine residues. It is designate as a protein probe to deliver unambiguous high quality structural restraints in studies on protein-protein and protein-ligand interactions. Chelating agent.

Medical Conditions
Generally Aggravated by
Exposure

The 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 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.

Waste Disposal Method

Dispose of in accordance with all federal, state and local environmental regulations.

Precautions to Be
Taken in Handling
and Storage

Store in a cool, dry and well ventilated area. Keep all containers securely closed when not in use.
NOTE: Static ignition charge may result from handling and use. It is recommended that containers and equipment be electrically bonded and grounded.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

Water; Carbon dioxide; dry powder; other media - not determined.

Special Fire Fighting
Procedures

Use water spray to cool fire - exposed containers and structures. Use water spray to disperse any vapors; reignition is always a potential. Use self-contained breathing apparatus as described above.

Unusual Fire and
Explosion Hazards

Toxic fumes are emitted 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.