

3'-Deoxy-3'-fluorothymidine-5'-monophosphate Disodium Salt: sc-216619



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name	3'-Deoxy-3'-fluorothymidine-5'-monophosphate Disodium Salt		
Catalog Number	sc-216619		
CAS#	-		
Synonyms	3'-Deoxy-3'-fluoro-5'-thymidylic Acid Disodium 2',3'-dideoxy-3'-fluoro-5-methyluridine 5'-(Dihydrogen Phosphate) Disodium 3'-Deoxy-3'-fluorothymidine Monophosphate Disodium 3'-Fluoro-3'-deoxythymidine Monophosphate Disodium		
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	White Fluffy Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	182-185°C
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	Stable, store under inert atmosphere	Incompatibility (Materials to Avoid)	Strong oxidizing agents
Conditions to Avoid	water and humid areas	Hazardous Polymerization	will not occur
Hazardous Decomposition or Byproducts	toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, and hydrogen fluoride, phosphorous oxides		

Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	hood
Protective Gloves	Chemical resistant gloves	Eye Protection	safety goggles
Other Protective Clothing	Lab coat or apron	Other Protection	eye wash and shower

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)

Acute toxicity
no data available

Irritation and corrosion
no data available

Sensitisation
no data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Signs and Symptoms of Exposure

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

Potential Health Effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Ingestion May be harmful if swallowed.

A thymidine-5'-O-monophosphate analogue as inhibitors of Mycobacterium tuberculosis thymidylate kinase.

Medical Conditions

Generally Aggravated by Exposure

To the best of our knowledge, the chemical, physical, and 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 appropriate chemical resistant apparel. Avoid raising dust during clean-up. Ventilate area & wash spill site after pick-up is complete. Place waste in a bag & hold 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.

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 skins and eyes.

Unusual Fire and Explosion Hazards

emits toxic fumes under fire conditions; container explosion may occur 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.

10/7/2010