

2'-Deoxy-2'-fluoroguanosine: sc-283470



The Power to Question

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Product Name: 2'-Deoxy-2'-fluoroguanosine
Catalog Number: sc-283470
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

COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Formula: $C_{10}H_{12}FN_5O_4$ **EINECS Number:** -
CAS Number: 125291-17-0 **Molecular weight:** 285.2

HAZARDS IDENTIFICATION

May cause irritation to eyes and by inhalation. May be harmful by inhalation, in contact with skin and if swallowed. Possible risk of irreversible effects.
The toxicological properties of this substance have not been fully investigated.

FIRST AID MEASURES

Eye contact: Immediately flush eyes with copious of water (at least for 15 minutes), occasionally lifting the upper and lower lids. Seek medical advice.
Skin Contact: Wash the contaminated parts of body with plenty of water and soap. Remove all contaminated clothing. Seek medical advice.
Ingestion: Wash mouth out with water. Seek medical advice.
Inhalation: Remove to fresh air, give artificial respiration, if breathing difficult, give oxygen. Seek medical advice.

FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder, chemical foam.
Unsuitable extinguishing media: Not known.
Special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Protect against potential toxic and irritating fumes.
Unusual fire and explosions hazards: The following can be given off in a fire: oxides of carbon and of nitrogen, hydrogen fluoride.

ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Do not breathe dust.
Environmental precautions:	Protect underground water of pollution of this material.
Methods for cleaning up:	Evacuate area. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

HANDLING AND STORAGE

Handling:	Handle in accordance with all current and standards. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Do not breathe dust.
Storage:	Store in a cool, dry place. Store in tightly closed container.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment:	
Hand protection:	Chemical-resistant gloves.
Eye Protection:	Chemical safety goggles.
Skin protection:	Wear protective clothing.
Respiratory protection:	NIOSH/MSHA approved respirator.
General:	Use adequate ventilation to keep airborne concentrations low. Use good working practices. Wash hands and face before pauses.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	powder
Odour:	Odourless.
Melting point:	-
Solubility in water:	Soluble.

STABILITY AND REACTIVITY

Conditions to avoid:	High temperatures. In solid form stable under normal temperatures and pressures. In solution necessary stabilize (sodium azide).
Materials to avoid:	Strong oxidizing agents, acid, acid chlorides, acid anhydrides.
Hazardous reactions:	Has not been reported.
Hazardous decomposition products:	Toxic oxides of carbon and of nitrogen.

TOXICOLOGICAL INFORMATION

Data not available.
Acute effects: May be harmful by inhalation, ingestion, or skin absorption.

ECOLOGICAL INFORMATION

Data not available

DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging – flush with water, collect wash-water for approved disposal.

TRANSPORT INFORMATION

Not classified as hazardous for transport.

REGULATORY INFORMATION

Warning symbols:		Xn - HARMFUL Xi - IRRITANT
R-phrases:	R: 20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R: 36/37/38	Irritating to eyes, respiratory system and skin.
	R: 40	Possible risk of irreversible effects.
S-phrases:	S: 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S:36/37/39	Wear suitable protective clothing, gloves and eyeface protection.

ADDITIONAL INFORMATION

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.

11/29/2010