

rac 7-Hydroxy Efavirenz: sc-208269



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name rac 7-Hydroxy Efavirenz

Synonyms 6-Chloro-4-(cyclopropylethynyl)-1,4-dihydro-7-hydroxy-4-(trifluoromethyl)-2H-3,1-benzoxazin-2-one;

Catalog Nbr sc-208269

Cas Reg. No 205754-50-3

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

TO THE BEST OF OUR KNOWLEDGE THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. EXERCISE DUE CARE.

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	White Solid
Vapor Pressure	N/A	Specific Gravity(H₂O=1)	N/A
Vapor Density	N/A	Melting Point	181-185°C
Solubility in Water	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Molecular Formula	C ₁₄ H ₉ ClF ₃ N ₃ O ₃		
Molecular Weight	331.67		

Section 4 - Reactive Data

Stability	STABLE	Incompatibility (Materials to Avoid)	Strong oxidizing agents
Conditions to Avoid	Strong oxidizing agents		
Hazardous Decomposition or Byproducts	Toxic fumes of carbon oxides, nitrogen oxides, hydrogen fluoride and hydrogen chloride gas	Hazardous Polymerization	WILL NOT OCCUR

Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	HOOD
Protective Gloves	RUBBER GLOVES	Eye Protection	SAFETY GOGGLES
Other Protective Clothing	LAB COAT/APRON	Other Protection	SAFETY EYE WASH

Section 6 - First Aid Measures

Inhalation	IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.
Skin	IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES.
Ingestion	IN SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.
Eyes	IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN.. ASSURE ADEQUATE FLUSHING BY SEPARATING EYELIDS.

Section 7 - Health Hazard Data

Health Hazards

(Acute and Chronic)

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. May cause respiratory tract irritation.

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

Eyes May cause eye irritation.

Ingestion May be harmful if swallowed.

A metabolite of Efavirenz (minor).

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 PROTECTIVE EQUIPMENT. 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.

Waste Disposal Method

DISSOLVE OR MIX THE 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.

Precautions to Be
Taken in Handling
and Storage

MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

Section 9 - Fire and Explosion Hazard Data

Extinguishing Media

WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE 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

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.

5/12/2010