rac D 617 (N-Methyl-4-(3,4-dimethoxyphenyl)-4-cyano-5-methylhexylamine): sc-208272

MATERIAL SAFETY DATA SHEET

Section 1

Chemical Name	**rac D 617 (N-Methyl-4-(3,4-dimethoxy-phenyl)-4-cyano-5-methylhexylamine)**
Catalog Nbr	**sc-208272**

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

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

Section 3 - Physical/Chemical Characteristics

Boiling Point	**N/A**	Apearance and Odor	**Pale Yellow Oil**
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**

Section 4 - Reactive Data

Stability	**Stable**	Incompatability (Materials to Avoid)	**Strong oxidizing agents**
Conditions to Avoid	**Strong oxidizers**		
Hazardous Decomposition or Byproducts	**toxic fumes of: Carbon dioxide, carbon monoxide, and nitrogen oxides**	Hazardous Polymerization	**will not occur**

Section 5 - Control Measures

Respiratory Protection	**Niosh/Msha approved respirator**	Ventilation	**chemical fume hood**
Protective Gloves	**rubber gloves**	Eye Protection	**chemical safety goggles**
Other Protective Clothing	**lab coat/apron**	Other Protection	**eye safety wash**

Section 6 - First Aid Measures

Inhalation	**If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.**
Skin	**In case of contact, immediately wash skin with soap and copious amounts of water.**
Ingestion	**If swallowed, wash out mouth with water provided person is conscious. Call a physician.**
Eyes	**In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.**

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: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Ingestion: May be harmful if swallowed.

The toxicological properties of this compound have not been throughly investigated. Exercise due care.

A metabolite of Verapamil.

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

*Medical Conditions
Generally Aggravated by
Exposure*

Section 8 - Precautions for Safe Handling and Use

*Steps to be Taken in
Case Material is
Released or Spilled*

Wear appropriate chemical resistant apparel. Ventilate area and wash spill site after pick up is complete.
Place waste in bag and dispose according to local, provincial and federal regulations.

Waste Disposal Method

dissolve or mix the material with a combustible solvent and burn in chemical incinerator equipped with an afterburner and scrubber. observe all federal, state and local environmental regulations.

*Precautions to Be
Taken in Handling
and Storage*

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, 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.*

03/24/2010