

# 4-[3-(Trifluoromethyl)diazirin-3-yl]benzoic Acid N-Hydroxysuccinimide Ester: sc-209897



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical and Company Information

**Chemical Name** 4-[3-(Trifluoromethyl)diazirin-3-yl]benzoic Acid N-Hydroxysuccinimide Ester

**Catalog Number** sc-209897

**CAS#** 87736-89-8

**Synonyms** 1-[[4-[3-(Trifluoromethyl)-3H-diazirin-3-yl]benzoyl]oxy-2,5-pyrrolidinedione;

**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 investigated

### Section 3 - Physical/Chemical Characteristics

<b>Boiling Point</b> N/A	<b>Appearance and Odor</b> White Solid
<b>Vapor Pressure</b> N/A	<b>Specific Gravity(H<sub>2</sub>O=1)</b> N/A
<b>Vapor Density</b> N/A	<b>Melting Point</b> 92-93°C
<b>Solubility in Water</b> N/A	<b>Evaporation Rate (Butyl Acetate=1)</b> N/A

### Section 4 - Reactive Data

<b>Stability</b> Stable	<b>Incompatibility (Materials to Avoid)</b> Strong oxidizing agents
<b>Conditions to Avoid</b> strong oxidizers	
<b>Hazardous Decomposition or Byproducts</b> Carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen fluoride	<b>Hazardous Polymerization</b> will not occur

### Section 5 - Control Measures

<b>Respiratory Protection</b> Niosh/Msha approved respirator	<b>Ventilation</b> hood
<b>Protective Gloves</b> chemical resistant gloves	<b>Eye Protection</b> chemical safety goggles
<b>Other Protective Clothing</b> lab coat, apron	<b>Other Protection</b> safety shower and eye bath

### Section 6 - First Aid Measures

<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen in a non-flammable area.
<b>Skin</b>	In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.
<b>Ingestion</b>	If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.
<b>Eyes</b>	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes, separating the eyelids with fingers.

### Section 7 - Health Hazard Data

**Health Hazards**  
(Acute and Chronic)

#### ROUTE OF EXPOSURE

**Skin Contact:** May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Inhalation:** Material may be irritating to mucous membranes and upper respiratory tract.

**Multiple Routes:** May be harmful by inhalation, ingestion, or skin absorption.

#### SIGNS AND SYMPTOMS OF EXPOSURE

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

novel compound of aromatic diazirines for Photoaffinity Labeling.

<i>Medical Conditions</i>	The toxicological properties have not yet been thoroughly investigated
<i>Generally Aggravated by Exposure</i>	may cause eye irritation, may cause skin irritation

#### Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	<b>Wear appropriate chemical resistant apparel. Ventilate area and wash spill site after pick up is complete.</b> <b>Place waste in bag and dispose according to local, provincial and federal regulations.</b>
<i>Waste Disposal Method</i>	<b>Burn in a chemical incinerator equipped with an afterburner and scrubber. Abide to local, provincial and federal regulations.</b>
<i>Precautions to Be Taken in Handling and Storage</i>	<b>Avoid contact and inhalation. Keep tightly closed. Restrict handling to qualified personnel.</b>

#### Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	<b>water spray. Carbon dioxide, Dry chemical powder or appropriate foam.</b>
<i>Special Fire Fighting Procedures</i>	<b>wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes</b>
<i>Unusual Fire and Explosion Hazards</i>	<b>emits toxic fumes under fire conditions</b>

#### 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.*

9/20/2010