

4-Azido-2,3,5,6-tetrafluorobenzoic Acid: sc-209954



The Power to Question

MATERIAL SAFETY DATA SHEET

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

Product Name: 4-Azido-2,3,5,6-tetrafluorobenzoic Acid
Catalog Number: sc-209954
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 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%	Haz Symbols	Risk Phrases
122590-77-6	4-azido-2,3,5,6-tetrafluorobenzoic acid	97+%	Xn	20/21/22;36/37/38

Formula: C₇HF₄N₃O₂
Molecular Weight: 235.10

**** SECTION 3 - HAZARDS IDENTIFICATION ****

Specific identification of hazards to human and environment:

Harmful if swallowing. Harmful by inhalation
Harmful in contact with skin
Irritating to eyes and respiratory system .

**** SECTION 4 - FIRST AID MEASURES ****

Inhalation:

If inhaled, remove to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.

Skin:

In case contact, immediately wash skin with soap and copious amount of water

Eyes:

In case contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.

Ingestion:

If swallowed, immediately call a Poison Center or other medical aid. Wash mouth with water provided person is conscious.

****** SECTION 5 - FIRE FIGHTING MEASURES ******

Extinguishing Media:

Suitable: Carbon dioxide, dry chemical powder.

Special risks

Specific Hazard: Emits toxic fumes under fire conditions.

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

****** SECTION 6 - ACCIDENTAL RELEASE MEASURES ******

Procedure(s) of personal precaution(s)

Wear self-contained breathing apparatus, and heavy rubber gloves.

Methods for cleaning up

Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash site after material pickup in compete.

****** SECTION 7 - HANDLING and STORAGE ******

Handling:

Avoid contact with skin and eyes and inhalation. Ensure good ventilation at the workplace.

Storage: Store at -20°C under inert gas. Highly light sensitive and air sensitive. Store in amber glass package.

****** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ******

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

****** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ******

Physical State:	Solid
Color:	white powder
Odor:	N/A
pH:	N/A
Vapor Pressure:	N/A
Viscosity:	N/A
Boiling Point:	N/A

Melting Point: 140-141°C
Autoignition Temperature: N/A
Flash Point: N/A
Explosion Limits: Product is not explosive
Specific Gravity/Density: N/A
Solubility: CCl₃, CH₃OH

****** SECTION 10 - STABILITY AND REACTIVITY ******

Chemical Stability: Highly light sensitive and air sensitive, temperature sensitive. Stable at recommend conditions.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Nitrogen oxides, carbon monoxide, carbon dioxide, hydrogen fluoride.

Hazardous Polymerization:

Has not been reported.

****** SECTION 11 - TOXICOLOGICAL INFORMATION ******

Signs and symptoms

Irritant to skin, eye and mucous membranes

LD50/LC50: Not available.

Carcinogenicity:

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

****** SECTION 12 - ECOLOGICAL INFORMATION ******

No data available

****** SECTION 13 - DISPOSAL CONSIDERATIONS ******

Dispose of in a manner consistent with federal, state, and local regulations.

****** SECTION 14 - TRANSPORT INFORMATION ******

IATA	Non-hazardous for air transport
IMDG	Non-hazardous for sea transport
RID/ADR	Non-hazardous for road transport

****** SECTION 15 - REGULATORY INFORMATION ******

International Regulations:

Hazard Symbols: Xn Harmful

Risk Phrases:

R20 - Harmful by inhalation

R21 - Harmful in contact with skin

R 22 - Harmful if swallowed

R 36/37/38 - Irritating to eyes, respiratory system and skin.

Safety 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 eye/face protection.

Information about limitation of use

It is for research and development use only.

****** SECTION 16 - ADDITIONAL INFORMATION ******

Application: A fluorinated aryl azide as photo-cross linker to study the estrogen receptor ($I_{\max}$ 258nm)

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.

6/3/2010