

# 5-(t-Boc-amino)-1-pentyl-p-toluene-sulfonate: sc-210247



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1

**Chemical Name** 5-(t-Boc-amino)-1-pentyl-p-toluenesulfonate

**Synonyms** [5-[[[(4-Methylphenyl)sulfonyl]oxy]pentyl]carbamic Acid 1,1-Dimethylethyl Ester; tert-Butyl N-[5-(Tosyloxy)pentyl] carbamate;

**Catalog Nbr** sc-210247

**Cas Reg. No** 118811-34-0

**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

**Boiling Point** N/A

**Vapor Pressure** N/A

**Vapor Density** N/A

**Solubility in Water** N/A

**Molecular Formula** C<sub>17</sub>H<sub>27</sub>NO<sub>5</sub>S

**Molecular Weight** 357.4

**Appearance and Odor**

White Solid

**Specific Gravity(H<sub>2</sub>O=1)**

N/A

**Melting Point**

47-49°C

**Evaporation Rate (Butyl Acetate=1)** N/A

### Section 4 - Reactive Data

**Stability** Stable

**Incompatibility**  
(Materials to Avoid)

Strong oxidizing agents

**Conditions to Avoid** strong oxidizers

**Hazardous Decomposition or Byproducts** Carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides

**Hazardous Polymerization**

will not occur

### Section 5 - Control Measures

**Respiratory Protection** Niosh/Msha approved respirator

**Ventilation**

hood

**Protective Gloves** chemical resistant gloves

**Eye Protection**

chemical safety goggles

**Other Protective Clothing** lab coat, apron

**Other Protection**

safety shower and eye bath

### Section 6 - First Aid Measures

**Inhalation** If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen in a non-flammable area.

**Skin** In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.

**Ingestion** If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.

**Eyes** 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.

*Medical Conditions  
Generally Aggravated by  
Exposure*

The toxicological properties have not yet been thoroughly investigated  
may cause eye irritation, may cause skin irritation

## 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*

Burn in a chemical incinerator equipped with an afterburner and scrubber. Abide to local, provincial and federal regulations.

*Precautions to Be  
Taken in Handling  
and Storage*

Avoid contact and inhalation. Keep tightly closed. Restrict handling to qualified personnel.  
Store at -20° C.

## 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.*