



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Gentamicin C2 Pentaacetate Salt: sc-207713



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1 - Chemical and Company Information

*Chemical Name*    **Gentamicin C2 Pentaacetate Salt**

*Synonyms*    **O-3-Deoxy-4-C-methyl-3-(methylamino)-β-L-arabinopyranosyl-(16)-O-[2,6-diamino-2,3,4,6,7-pentadeoxy-α-D-ribo-heptopyranosyl-(14)]-2-deoxy-D-streptamine Pentaacetate Salt;**

*Catalog Nbr*    **sc-207713**

*Supplier*    **Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, California 95060  
800.457.3801 or 831.457.3800**

*Cas Reg. No*    **25876-11-3**

*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 effects have not been thoroughly tested. Exercise due care

### Section 3 - Physical/Chemical Characteristics

<i>Boiling Point</i>	<b>N/A</b>	<i>Appearance and Odor</i>	<b>Light Beige Solid</b>
<i>Vapor Pressure</i>	<b>N/A</b>	<i>Specific Gravity(H<sub>2</sub>O=1)</i>	<b>N/A</b>
<i>Vapor Density</i>	<b>N/A</b>	<i>Melting Point</i>	<b>104-107°C</b>
<i>Solubility in Water</i>	<b>N/A</b>	<i>Evaporation Rate (Butyl Acetate=1)</i>	<b>N/A</b>
<i>Molecular Formula</i>	<b>C30H61N5O17</b>		
<i>Molecular Weight</i>	<b>763.83</b>		

### Section 4 - Reactive Data

<i>Stability</i>	<b>stable, store under inert gas</b>	<i>Incompatibility (Materials to Avoid)</i>	<b>strong oxidizing agents</b>
<i>Conditions to Avoid</i>	<b>strong oxidizing agents</b>	<i>Hazardous Polymerization</i>	<b>Will not occur</b>
<i>Hazardous Decomposition or Byproducts</i>	<b>toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides</b>		

### Section 5 - Control Measures

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

### 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)*

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

#### 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.

Antibiotic complex consists of three closely related components, gentamicins C1, C2, C1a, and also Gentamicin A which differs from the other members of the complex but is similar to Kanamycin C. Antibacterial.

*Medical Conditions  
Generally Aggravated by  
Exposure*

The toxicological properties have not been thoroughly tested Exercise due care.

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

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

Ventilate area and wash spill site after material pickup is complete. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Evacuate the area.

*Waste Disposal Method*

dissolve or mix 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*

Wear appropriate chemical resistant gloves & safety glasses. Use only in chemical fume hood. Store in freezer 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

##### Transportation 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.*

5/25/2010