

2,3,5-Tri-O-benzyl-b-D-ribofuranose: sc-283371



The Power to Question

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND THE COMPANY UNDERTAKING

Product Name: 2,3,5-Tri-O-benzyl-b-D-ribofuranose
Catalog Number: sc-283371
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

2. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular formula: C₂₆H₂₈O₅
Molecular weight: 420.5
CAS number: [89361-52-4]

3. HAZARDS IDENTIFICATION

The toxicological properties of this material have not been fully investigated.
Target organs: None.
Potential health effects:
Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation: May cause respiratory tract irritation.
Chronic: No information found.

4. FIRST AID MEASURES

Eye contact: Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.
Skin contact: Get medical aid. Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.
Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.
Ingestion: Wash out mouth with water provided person is conscious. Call a physician.

5. FIRE-FIGHTING MEASURES

Personal precautions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing media:	In case of fire use water spray, dry chemical, carbon dioxide, or appropriate foam.
Autoignition temperature:	Not available.
Flash point:	Not available.
NFPA rating:	Not published.

6. ACCIDENTAL RELEASE MEASURES

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section.

7. HANDLING AND STORAGE

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
Storage:	Store in a tightly closed container. Store in a dry area. Store at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment:

Eyes protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations.
Hand protection:	Wear appropriate protective gloves to prevent skin exposure.
Skin protection:	Wear appropriate protective clothing.
Respiratory protection:	Follow the OSHA respirator regulations as European Standard EN 149 approved respirator when necessary. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid.
Molecular Formula:	$C_{26}H_{28}O_5$
Molecular Weight:	420.5
Freezing/Melting point:	72-80° C (dec.)
Decomposition Temperature:	Not available
Solubility:	Sparingly soluble.

10. STABILITY AND REACTIVITY

Chemical stability:	Partially stable under normal temperatures.
Conditions to avoid:	Incompatible materials, exposure to moist air or water.
Incompatibilities with other materials:	Strong oxidizing agents, strong acids, moist air or water.
Hazardous decomposition products:	Hydrogen bromide.
Hazardous polymerization:	Will not occur.

11. TOXICOLOGICAL INFORMATION

RTCS #:	Not available.
LD50/LC50:	Not available.
Carcinogenicity:	Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Other studies:	No information available.

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.
RCRA D-Series Maximum Concentration of Contaminants: None listed.
RCRA D-Series Chronic Toxicity Reference Levels: None listed.
RCRA F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. TRANSPORT INFORMATION

Non hazardous material for transport.

15. REGULATORY INFORMATION

European/ International Regulations:		European Labeling in Accordance with EC Directives
Hazard Symbols:		XI
R-phrases:	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R36/37/38	Irritating to eyes, respiratory system and skin.
S-phrases:	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S27	Take off immediately all contaminated clothes.
	S37/39	Wear suitable gloves and eye/face protection.

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.

12/14/2011