

Dipyridamole Mono-O-β-D-glucuronide: sc-221553



MATERIAL SAFETY DATA SHEET

The Power to Question

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Dipyridamole Mono-O-β-D-glucuronide
Catalog number: sc-221553
Synonyms: 2-[[[6-[Bis(2-Hydroxyethyl)amino]-4,8-di-1-piperidinyl]pyrimido[5,4-d]pyrimidin-2-yl]](2-hydroxyethyl)amino]ethyl β-D-glucopyranosiduronic Acid
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 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. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

Classification:

According to Regulation (EC) No1272/2008
Skin irritation (Category 2)
Eye irritation (Category 2A)
Specific target organ toxicity - single exposure (Category 3)

Labeling and precautionary statements:

Pictogram



Signal word	Warning
Hazard statement(s):	
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
Precautionary statement(s):	
P261	Avoid breathing dust/fume/gas/mist/vapor/spray
P302 + P352	If on skin: Wash with plenty of soap and water
P305 + P351 + P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Hazard symbol(s):	
Xi	Irritant
R-phrases(s):	
R36/373/38	Irritating to eyes, respiratory system and skin
S-phrases(s):	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Weight: 680.75
Molecular Formula: C₃₀H₄₈N₈O₁₀
CAS Registry: 63912-02-7

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: Never give anything by mouth to an unconscious person. Wash out mouth with water provided person is conscious. Call a physician.

Notes to Physician: Treat symptomatically and supportively.

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.

Special hazards arising from the substance or mixture: Carbon oxides (CO, CO₂), nitrogen oxides.

6. ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Personal precautions: Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation. Ensure adequate ventilation. Recover all sources of ingestion.

Environmental precautions: Do not let product enter the drains.

Spills/Leaks: Sweep up and place the material in appropriate container for disposal. Ventilate area, clean up spills and wash spill site after material pickup is complete, 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 cool, dry, well-ventilated area. Keep container tightly closed. Freeze. Keep cold. Store at -20 °C. Protect from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protection equipment:

Eye protection: Wear appropriate protective safety glasses with side-shields conforming to EN166, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin protection: Wear appropriate protective gloves to prevent skin exposure, as defined in UE Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection: Appropriate protective clothing, overalls.

Respiratory protection: Where risk assessment indicates air-purifying respirators are required use a dust mask type N95 (US) or type P1 (EN 143) respirator. Respirators and components must be tested and approved under appropriate government standards - NIOSH (US) or CEN (EU).

Hygiene measures: Use good working practices. Wash hands and face thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid	Odor	N/A
Odor threshold	N/A	pH	N/A
Melting point	N/A	Boiling point	N/A
Flash point	N/A	Evaporation rate	N/A
Flammability	N/A	Explosive limits	N/A

Vapor pressure	N/A	Vapor density	N/A
Density	N/A	Solubility	N/A
Auto-ignition temperature	N/A	Viscosity	N/A
Partition coefficient n-octanol/water	N/A		

10. STABILITY AND REACTIVITY

Chemical stability: Stable under the proper conditions

Conditions to avoid: Excessive heat and light, incompatible materials, oxidants, acids.

Incompatibilities with other materials: Strong oxidizing agents

Hazardous decomposition products: Carbon monoxide, carbon dioxide, nitrogen oxides (NOx).

Hazardous polymerization: Data not available

11. TOXICOLOGICAL INFORMATION

RTCS#: Data not available

Acute toxicity:

Data not available

Skin corrosion/irritation:

Data not available

Serious eye damage/eye irritation:

Data not available

Respiratory or skin sensitization:

Data not available

Germ cell mutagenicity:

Data not available

Carcinogenicity:

Data not available

Reproductive toxicity:

Data not available

Specific target organ toxicity - single exposure:

Inhalation - May cause respiratory irritation

Specific target organ toxicity - repeated exposure:

Data not available

Signs and symptoms of exposure:

Irritation of the eye is characterized by redness, watering, and itching. Skin irritation is characterized by itching, swelling, reddening, or blistering.

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

Potential health effects:

Eye	Causes eye irritation
Skin	May be harmful by skin absorption Causes skin irritation
Ingestion	May be harmful if swallowed
Inhalation	May be harmful if inhaled Causes irritation of the lungs and respiratory system
Chronic	No information found

12. ECOLOGICAL INFORMATION

Data not available

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

ADR/RID

Not classified as hazardous for transport.

IMDG

Not classified as hazardous for transport.

IATA

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

16. OTHER INFORMATION

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.

12/3/2012