

5'-O-Acetyl Adenosine: sc-210413



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 5'-O-Acetyl Adenosine

Product Number: sc-210413

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

Classification:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 or GHS.

Not a hazardous substance or mixture according to EC-Directives 67/548/EEC or 1999/45/EC.

Labeling and precautionary statements:

Caution - substance not fully tested.

Hazard statement(s):

None

Precautionary statement(s):

None

Hazard symbol(s):

None

R-phrases(s):

None

S-phrases(s):

None

Potential health effects

Eye	May cause eye irritation.
Skin	May be harmful by skin absorption. May cause skin irritation.
Ingestion	May be harmful if swallowed.
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Chronic	No information found.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Adenosine 5'-Acetate

Formula: C₁₂H₁₅N₅O₅

Molecular weight: 309.28

CAS #: 2140-25-2

4. FIRST AID MEASURES

If inhaled

Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical aid.

In case of skin contact

Get medical aid. Immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

In case of eye contact

Immediately flush eye with copious amounts of water for at least 15 minutes. Get medical aid immediately.

If swallowed

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

5. FIREFIGHTING MEASURES**Suitable extinguishing media**

In case of fire use water spray, dry chemical, carbon dioxide, or appropriate foam.

Special protective equipment for firefighters

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Wear self-contained breathing apparatus, eye protection and gloves. Keep personal hygiene. Avoid dust formation. Use proper personal protective equipment as indicated in Section 8.

Environmental precautions

Do not let product enter the drains.

Methods and materials for containment and clean up

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**Precautions for safe 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.

Conditions for safe storage

Store in a cool, dry, well-ventilated area. Keep container tightly closed. Freeze. Keep cold. Store at -20° C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Personal protective equipment**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).

Hand protection

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

Skin and body protection

Appropriate protective clothing, overalls.

Eye protection

Wear appropriate protective eyeglasses, chemical safety goggles or face-shield (min. 8-inch) as described by OSHA's eye and face protection regulations.

Hygiene measures

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	solid	Odor:	no data available
Odor threshold:	no data available	pH:	no data available
Melting point:	143 - 146 °C	Boiling point:	no data available
Flash point:	no data available	Evaporation rate:	no data available
Flammability:	no data available	Explosive limits:	no data available

Vapor pressure: no data available
Density: no data available
Auto-ignition temperature: no data available
Partition coefficient: no data available
n-octanol/water

Vapor density: no data available
Solubility: MeOH (25mg/mL)
Decomposition temperature: no data available
Viscosity: no data available

10. STABILITY AND REACTIVITY

Chemical reactivity

Polymerization will not occur.

Chemical stability

Stable.

Materials to avoid

Strong oxidizing agents.

Conditions to avoid

no data available

Hazardous decomposition products

Carbon oxides, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Signs and symptoms of exposure

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

Potential health effects

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Skin	May be harmful by skin absorption. May cause skin irritation.
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Additional information

RTECS: no data available

12. ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

This safety data sheet 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.

10/11/2013