

L-Arginine 7-amido-4- methylcoumarin dihydrochloride: sc-281539



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name: L-Arginine 7-amido-4- methylcoumarin dihydrochloride
Product Number: sc-281539
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

Section 2 - Composition, Information on Ingredients

CAS No.: 113712-08-6
Chemical name: L-Arginine 7-amido-4-methylcoumarin dihydrochloride
Molecular Formula: C₁₆H₂₁N₅O₃ · 2 HCl
Molecular Weight: 404.29 g/mol
EINECS: Not available

Section 3 - Hazards Identification

Emergency Overview

Caution! To the best of our knowledge the toxicological properties of this material have not been thoroughly investigated. May be harmful if swallowed, inhaled or absorbed through skin.

Target Organs

None known.

Potential Health Effects

Eye	May cause eye irritation.
Skin	May cause skin irritation.
Ingestion	May cause digestive tract irritation.
Inhalation	May cause respiratory tract irritation.
Chronic	Not available.

Section 4 - First Aid Measures

Eye Contact

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin Contact

In case of contact, wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Wash contaminated clothing before reuse.

Ingestion

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation

If inhaled, remove to fresh air, immediately. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Notes to Physician

Treat symptomatically and supportively.

Section 5 - Firefighting Measures

General Information

As in any fire, wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Extinguishing Media

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

Autoignition Temperature

Not available.

Flash Point

Not available.

NFPA Rating

Not published.

Explosion Limits,

Lower: Not available.

Upper: Not available.

Section 6 - Accidental Release Measures

General Information

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks

Sweep up, place in a bag and hold for waste disposal; avoid raising dust; ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling

Avoid ingestion and inhalation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Storage

Keep container tightly closed when not in use. Store dry. Protect from light. Store at -20° C.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls

Use adequate ventilation to keep airborne concentrations low.

Exposure Limit

Not available.

Personal Protective Equipment

Eyes

Wear chemical safety goggles or face shield if splashing is possible.

Skin

Wear compatible chemical-resistant gloves and clothing to prevent skin exposure.

Hand

Wear compatible chemical-resistant gloves to prevent skin exposure.

Clothing

Wear appropriate protective clothing to prevent exposure.

Respirator

Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9 - Physical and Chemical Properties

Form	Solid	Odor	No odor
pH	Not available	Boiling Point	Not available
Melting Point	Not available	Flash Point	Not available
Autoignition Temperature	Not available	Vapor Pressure	Does not apply
Vapor Density	Does not apply	Specific Gravity/Density	Does not apply
Coefficient octanol/water	Not available	Solubility in water	Practically insoluble in water
Solubility Other	Soluble in acetic acid		

Section 10 - Stability and Reactivity

Stability

Stable.

Conditions to Avoid

Incompatible materials, light.

Incompatibilities

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products

Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride gas.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

RTECS: Not Available

LD50/LC50

Not available.

Carcinogenicity

Not available.

Epidemiology

Not available.

Teratogen

Not available.

Reproductive Effects

Not available.

Neurotoxicity

Not available.

Mutagen

Not available.

Other Studies

Not available.

Section 12 - Ecological Information

Ecotoxicity

Not available.

Environmental Fate

Not available.

Physical/Chemical

Not available.

Other

Not available.

Section 13 - Disposal Considerations

Dissolve or mix the 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.

Section 14 - Transport Information

IATA

UN Number	Not regulated as a hazardous material (IATA/ADR)
Proper Shipping Name	Not available
Class	Not available
Packing Group	Not available

RID/ADR

UN Number	Not regulated as a hazardous material (IATA/ADR)
Proper Shipping Name	Not available
Class	Not available
Packing Group	Not available

Section 15 - Regulatory Information

European / International Regulations

Hazard Symbols	Not available
R-Phrase No.	Not available
Risk Phrases	Not available
S-Phrase No.	S24/25,S22
Safety Phrases	Avoid contact with skin and eyes. Do not breathe dust.

International Regulations

Not available.

Various Exposure Limit

Not available.

Section 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.

11/13/2013