

5,7-Dimethoxy-3-(1-naphthoyl)coumarin: sc-210401



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 5,7-Dimethoxy-3-(1-naphthoyl)coumarin
Catalog number: sc-210401
Synonyms: 5,7-Dimethoxy-3-(1-naphthalenylcarbonyl)-
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. Composition, Information on Ingredients

CAS#: 86548-40-5
Chemical Name: 5,7-Dimethoxy-3-(1-naphthoyl)coumarin
EINECS#: unlisted

3. Hazards Identification

Emergency Overview

Caution! The toxicological properties of this material have not been fully investigated. May cause eye and skin irritation. May cause respiratory digestive tract irritation.

Target Organs: None.

Potential Health Effects

Eye	May cause eye irritation.
Skin	May cause skin irritation.
Ingestion	May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.
Inhalation	May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.
Chronic	No information found.

4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: No data available

5. Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits

Upper: Not available

Lower: Not available

NFPA Rating: Not available

6. Accidental Release Measures

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

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dusty condition. Provide ventilation.

7. Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls, Personal Protection

ACGIH: None listed

NIOSH: None listed

OSHA - Final PELs: None listed

OSHA Vacated PELs: None listed

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. Physical and Chemical Properties

Form	Solid	Odor	Not available
pH	Not available	Vapor Pressure	Not available
Vapor Density	Not available	Evaporation Rate	Not available
Viscosity	Not available	Boiling Point	Not available
Freezing/Melting Point	210 °C (410 °F)	Decomposition Temperature	Not available
Solubility in water	Not available	Specific Gravity/Density	Not available
Molecular Formula	C22H16O5	Molecular Weight	360.36

10. Stability and Reactivity

Chemical Stability: Stable under normal temperature and pressures.

Conditions to Avoid: Incompatible materials, dust generation, strong oxidants.

Incompatibilities with Other Materials: Not available

Hazardous Decomposition Products: Strong oxidants

Hazardous Polymerization: Has not been reported

11. Toxicological Information

RTECS#: None listed

LD50/LC50: Not available

Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

12. Ecological Information

No information available.

13. Disposal Considerations

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

14. Transport Information

US DOT

Shipping Name: Not regulated as a hazardous material.

Hazard Class: Not available

UN Number: Not available

Packing Group: Not available

Canada TDG

Shipping Name: Not available

Hazard Class: Not available

UN Number: Not available

Packing Group: Not available

15. Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Not available

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

S 28A After contact with skin, wash immediately with plenty of water.

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

WGK (Water Danger/Protection)

Not available

Canada

Canadian WHMIS Classifications: Not available

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. CAS# 86548-40-5 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA

CAS# 86548-40-5 is not listed on the TSCA Inventory. It is for research and development use only.

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.

1/18/2012