



## MEDICAL ISOTOPES, Inc.

100 Bridge Street, Pelham, NH 03076, USA  
Tel: (603) 635-2255 Toll Free: (800) 374-9513 Fax: (603) 635-2448  
E-mail: [info@medicalisotopes.com](mailto:info@medicalisotopes.com) Internet: [www.medicalisotopes.com](http://www.medicalisotopes.com)

### SAFETY DATA SHEET

#### SECTION 1. Identification

**Product:**

Product Name: 3 $\beta$ ,5 $\alpha$ ,6 $\beta$ -Trihydroxycholestane-d<sub>7</sub>  
Catalog number: D31717

**Supplier:**

Medical Isotopes, Inc.  
100 Bridge Street  
Pelham, NH 03076 USA  
Tel: +1-603-635-2255 Fax: +1-603-635-2448  
Email: [info@medicalisotopes.com](mailto:info@medicalisotopes.com)

**Suitability:**

For laboratory use only.

#### SECTION 2. Hazard(s) identification

**Hazard classification:**

Specific target organ toxicity - single exposure (Category 1), H370

**Signal Word:**

Danger

**Hazard Statements:**

H370 Causes damage to organs.

**Pictogram:**



**Precautionary Statements:**

P264 Wash skin thoroughly after handling.  
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.

**Other hazards:**

None

#### SECTION 3. Composition/Information on Ingredients

**Chemical name:**

(3 $\beta$ ,5 $\alpha$ ,6 $\beta$ )-Cholestane-3,5,6-triol-d<sub>7</sub>

**Synonyms:**

3 $\beta$ -Hydroxycholestane-5 $\alpha$ ,6 $\beta$ -diol-d<sub>7</sub>; 5 $\alpha$ ,6 $\beta$ -Dihydroxycholestanol-d<sub>7</sub>; Cholesta-3 $\beta$ ,5 $\alpha$ ,6 $\beta$ -triol-d<sub>7</sub>; Cholestane-3 $\beta$ ,5 $\alpha$ ,6 $\beta$ -triol-d<sub>7</sub>; NSC 124751-d<sub>7</sub>; NSC 18178-d<sub>7</sub>

**CAS number:**

N/A

**Impurities/Additives:**

N/A

#### SECTION 4. FIRST AID MEASURES

**Skin Contact:** Wash with soap and water for several minutes. Consult a physician.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Inhalation:** Remove from exposure and move to fresh air immediately. Consult a physician.

**Eye Contact:** Rinse thoroughly with plenty of water. Consult a physician.

#### SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

Use water spray, foam, dry chemical or carbon dioxide.

**Special protective equipment for firefighters**

Wear self contained breathing apparatus for fire-fighting if necessary.

**Hazardous combustion products:** Carbon oxides.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Make sure to wear appropriate protective equipment as listed in section 8. Avoid breathing dust,



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vapors, or mists.

**Spill Clean-up Methods:** Clean up spills immediately, observing precautions in the Protective Equipment section. Cover with a non-combustible material (e.g. sand, earth, diatomaceous earth), sweep up, and place into a suitable container for disposal. Avoid breathing the resulting dust.

### SECTION 7. HANDLING & STORAGE

**Usage/Handling Precautions:** Make sure to wear appropriate PPE as listed in section 8. Avoid contact with skin and eyes.

**Storage Conditions:** Keep tightly closed and store at 2-8 °C

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Engineering Controls:** Use fumehood if available.

**Personal Protective Equipment**

**Eyes:** Always wear safety glasses when working with chemicals. Wear chemical goggles when working with liquids.

**Skin:** Wear protective gloves and a lab coat to prevent skin exposure.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White Solid

**Odor:** N/A

**pH:** N/A

**Melting Point:** 234-236 °C

**Water Solubility (%):** N/A

**Flash Point (°C):** N/A

**Vapor pressure:** N/A

**Autoignition Temperature (°C):** N/A

**Flammability Limits in Air (% by Vol.):** N/A

### SECTION 10. STABILITY & REACTIVITY

**Reactivity:** N/A

**Chemical Stability:** Stable under recommended storage conditions

**Conditions to Avoid:** Strong oxidizing agents.

### SECTION 11. TOXICOLOGICAL INFORMATION

**Inhalation:** N/A

**Ingestion:** N/A

**Skin and eye contact:** N/A

**Other:** N/A

### SECTION 12. ECOLOGICAL INFORMATION

N/A

### SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal Procedures:** Via licensed disposal company. Dispose of according to federal, state/province and local regulations.

### SECTION 14. TRANSPORT INFORMATION

Not dangerous goods.

### SECTION 15. REGULATORY INFORMATION

N/A

### SECTION 16. OTHER INFORMATION

Preparation information: Last revised on 6/16/2015.

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