

### SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-T-96748
<b>Product Name</b>	Nor Verapamil-d6 N-β-D-Glucuronide
<b>CAS No.</b>	Not available
<b>Category</b>	Stable Isotopes
<b>Synonyms</b>	"1-[[4-Cyano-4-(3,4-dimethoxyphenyl)-5-methylhexyl-d6][2-(3,4-dimethoxyphenyl)ethyl] amino]-1-deoxy-β-D-glucopyranuronic Acid;"
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Not available

#### 2.2 Label Elements

**Signal Word:** Not available

Not available

#### Hazard Statement(s)

Code	Statement
Not available	Not available

#### Precautionary Statement(s)

Code	Statement
Not available	Not available

### SECTION 3: Composition / information on ingredients

### 3.1 Substance

Component : Nor Verapamil-d6 N-β-D-Glucuronide

CAS Number : Not available

Molecular Formula : C<sub>32</sub>H<sub>38</sub>D<sub>6</sub>N<sub>2</sub>O<sub>10</sub>

Molecular Weight : 622.74

Parent Chemical : Not available

Synonyms : "1-[[4-Cyano-4-(3,4-dimethoxyphenyl)-5-methylhexyl-d6][2-(3,4-dimethoxyphenyl)ethyl]amino]-1-deoxy-β-D-glucopyranuronic Acid;"

Concentration : Not available

## SECTION 4: First aid measures

### SECTION 4: First-aid measures

#### 4.1 Description of first aid measures

General advice: Seek medical attention if symptoms occur or persist. Show this SDS to the physician.

Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical attention.

#### 4.2 Most important symptoms/effects, acute and delayed

Not available.

#### 4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically. No data available.

## SECTION 5: Firefighting measures

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use extinguishing measures appropriate to surrounding fire (water spray, alcohol-resistant foam, dry chemical, or carbon dioxide).

#### 5.2 Special hazards arising from the substance or mixture

No data available. Combustion may produce carbon oxides and nitrogen oxides.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and full protective gear. Avoid inhalation of combustion products.

## SECTION 6: Accidental release measures

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing dust/mist/vapors. Use appropriate personal protective equipment. Ensure adequate ventilation.

#### 6.2 Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

### 6.3 Methods and material for containment and cleaning up

Contain spill. Collect using inert absorbent material and place in a suitable, closed container for disposal. Clean contaminated area with water and detergent as appropriate.

### 6.4 Reference to other sections

See Section 8 for personal protective equipment and Section 13 for disposal considerations.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Handle in accordance with good laboratory hygiene and safety practice. Avoid contact with skin and eyes. Avoid breathing dust/aerosols. Use with adequate ventilation.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container. Keep in a cool, dry, well-ventilated place. Protect from moisture. Incompatibilities: Not available.

#### 7.3 Specific end use(s)

For research and development/laboratory use only. Not for food, drug, or household use.

## SECTION 8: Exposure controls / personal protection

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Occupational exposure limits: No data available.

#### 8.2 Exposure controls

Engineering controls: Use local exhaust ventilation or other engineering controls to maintain airborne levels below applicable exposure limits (if established). Provide eyewash station and safety shower.

Personal protective equipment (PPE):

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (chemical-resistant). Lab coat or protective clothing.
- Respiratory protection: If ventilation is inadequate or aerosol/dust is generated, use an appropriate NIOSH/EN-approved respirator.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available

Test	Result
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

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10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available.

#### 10.4 Conditions to avoid

Heat, moisture, and incompatible materials (details not available).

#### 10.5 Incompatible materials

Not available.

#### 10.6 Hazardous decomposition products

No data available. Thermal decomposition may produce carbon oxides and nitrogen oxides.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

- 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.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

#### Likely routes of exposure

- No data available.

#### Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

### SECTION 12: Ecological information

#### SECTION 12: Ecological information

##### 12.1 Toxicity

No data available.

##### 12.2 Persistence and degradability

No data available.

##### 12.3 Bioaccumulative potential

No data available.

##### 12.4 Mobility in soil

No data available.

##### 12.5 Results of PBT and vPvB assessment

No data available.

##### 12.6 Endocrine disrupting properties

No data available.

##### 12.7 Other adverse effects

No data available.

### SECTION 13: Disposal considerations

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#### 13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulations. Do not discharge to drains. Incineration or disposal via a licensed chemical waste contractor is recommended where permitted. Contaminated packaging: Dispose of as unused product unless cleaned and permitted by regulations.

### SECTION 14: Transport information

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#### 14.1 UN number

Not available.

#### 14.2 UN proper shipping name

Not available.

#### 14.3 Transport hazard class(es)

Not available.

#### 14.4 Packing group

Not available.

#### 14.5 Environmental hazards

Not available.

#### 14.6 Special precautions for user

Not available.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not available.

### SECTION 15: Regulatory information

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#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not available. Regulatory status may vary by region. Ensure compliance with applicable local and national regulations.

#### 15.2 Chemical safety assessment

No data available.

### SECTION 16: Other information

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Product name: Nor Verapamil-d6 N-β-D-Glucuronide

Catalog no.: CS-T-96748

Category: Stable Isotopes

Molecular weight: 622.74

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Revision date: 2026-03-07

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