

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

<b>Catalogue Number</b>	CS-O-55992
<b>Product Name</b>	(D-LEU7)-TRIPTORELIN
<b>CAS No.</b>	321709-37-9
<b>Category</b>	Peptide
<b>Synonyms</b>	(S)-1-((3S,6S,9S,12S,15R,18R,21S)-3-((1H-imidazol-5-yl)methyl)-6,15-bis((1H-indol-3-yl)methyl)-21-(3-guanidinopropyl)-12-(4-hydroxybenzyl)-9-(hydroxymethyl)-18-isobutyl-1,4,7,10,13,16,19-heptaoxo-1-((S)-5-oxopyrrolidin-2-yl)-2,5,8,11,14,17,20-heptaazadocosan-22-oyl)-N-(2-amino-2-oxoethyl)pyrrolidine-2-carboxamide; (D-Trp■,D-Leu■)-LHRH
<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 : (D-LEU7)-TRIPTORELIN

CAS Number : 321709-37-9

Molecular Formula : C<sub>64</sub>H<sub>82</sub>N<sub>18</sub>O<sub>13</sub>

Molecular Weight : 1311.45

Parent Chemical : TRIPTORELIN

Synonyms : (S)-1-((3S,6S,9S,12S,15R,18R,21S)-3-((1H-imidazol-5-yl)methyl)-6,15-bis((1H-indol-3-yl)methyl)-21-(3-guanidinopropyl)-12-(4-hydroxybenzyl)-9-(hydroxymethyl)-18-isobutyl-1,4,7,10,13,16,19-heptaoxo-1-((S)-5-oxopyrrolidin-2-yl)-2,5,8,11,14,17,20-heptaazadocosan-22-oyl)-N-(2-amino-2-oxoethyl)pyrrolidine-2-carboxamide; (D-Trp■,D-Leu■)-LHRH

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.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get 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 and effects, both acute and delayed

- Not available.

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

- Treat symptomatically.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

- Suitable extinguishing media: Use extinguishing measures appropriate to surrounding fire.
- Unsuitable extinguishing media: Not available.

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

- Specific hazards: Not available.
- Hazardous combustion products: Not available.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Prevent fire-fighting water from entering drains or waterways.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Avoid breathing dust/aerosols. Avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).

##### 6.2 Environmental precautions

- Avoid release to the environment. Prevent entry into drains, surface water, or soil.

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

- For small spills: Carefully sweep or scoop up without generating dust; place in a suitable, labeled container for disposal.
- Clean spill 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 industrial hygiene and safety practice.
- Avoid formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing.
- Wash hands thoroughly after handling.

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

- Store in a tightly closed container.
- Store under conditions appropriate for peptides/biochemicals as specified by the supplier. Specific temperature/light/moisture requirements: Not available.
- Keep away from incompatible materials: Not available.

##### 7.3 Specific end use(s)

- Laboratory/research use. 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.
- Biological limit values: Not available.

##### 8.2 Exposure controls

- Engineering controls: Use local exhaust ventilation or other engineering controls to minimize airborne exposure.

##### Personal protective equipment (PPE)

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves. Select glove material based on workplace risk assessment.

- Body protection: Lab coat or protective clothing.
- Respiratory protection: If dust/aerosols are generated or ventilation is inadequate, use a suitable particulate respirator per applicable standards.

#### Hygiene measures

- Do not eat, drink, or smoke when using this product. Wash hands after handling.

## 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
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

Property	Value
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

### SECTION 10: Stability and reactivity

#### SECTION 10: Stability and reactivity

##### 10.1 Reactivity

- No data available.

##### 10.2 Chemical stability

- Stable under recommended storage conditions. Specific stability data: Not available.

##### 10.3 Possibility of hazardous reactions

- No data available.

##### 10.4 Conditions to avoid

- Avoid excessive heat. Avoid dust generation. Other conditions: Not available.

##### 10.5 Incompatible materials

- Not available.

##### 10.6 Hazardous decomposition products

- Not available.

### 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

- Not available.

### 12.6 Endocrine disrupting properties

- Not available.

### 12.7 Other adverse effects

- Not available.

## SECTION 13: Disposal considerations

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains.
- Recommended disposal method: Not available.
- Contaminated packaging: Dispose of as unused product.

## SECTION 14: Transport information

### SECTION 14: Transport information

- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.
- Transport in bulk according to IMO instruments: Not available.

Note: Transport classification may vary by mode and jurisdiction; confirm with carrier and applicable regulations.

## SECTION 15: Regulatory information

### SECTION 15: Regulatory information

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

- Regulatory listings (e.g., GHS/CLP/OSHA/TSCA/REACH/DSL/ENCS/AICS): Not available.

#### 15.2 Chemical safety assessment

- Not available.

### SECTION 16: Other information

#### SECTION 16: Other information

- Product name: (D-LEU7)-TRIPTORELIN
- Catalog No.: CS-O-55992
- CAS No.: 321709-37-9
- Category: Peptide
- Molecular weight: 1311.45
- Synonyms: (D-Trp■,D-Leu■)-LHRH; additional synonym(s) as provided by supplier.
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

- The information provided is believed to be accurate based on available data, but no warranty is expressed or implied. Users must determine suitability for their particular purpose and comply with all applicable regulations.

### DISCLAIMER

This MSDS is system-generated. Please verify and confirm all data, statements, and values with the Support Team before use or distribution.