

PRODUCT AND COMPANY IDENTIFICATION

Product Name: DOTA-TATE
Product code: r-201
Company: PharmSintez.Lab
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1.1 Product identifiers

| | |
|---------------------------|-----------------|
| Product name: | DOTA-TATE |
| Product Catalogue Number: | r-201 |
| Band: | PharmSintez.Lab |
| CAS-No: | 177943-89-4 |

1.2 Relevant identified uses of the substance or mixture and uses advised against

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| Identified uses: | Laboratory chemicals, Synthesis of substances. |
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Indications of danger :

Harmful R-phrases:

Harmful by inhalation, in contact with skin and if swallowed.

GHS classification

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Label elements

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Sum formula: $C_{65}H_{90}N_{14}O_{19}S_2$

Molecular weight: 1434.6

CAS-No: 177943-89-4

4. FIRST AID MEASURES

Description of first aid measures

After inhalation

Provide fresh air. In case of breathing difficulties administer oxygen. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing. Seek medical advice.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink large quantities of water. Medical treatment necessary.

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Suitable extinguishing media: Water spray. Foam. Extinguishing powder. Carbon dioxide (CO₂).

Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x). Sulfur oxides.

Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Provide adequate ventilation. Avoid generation of dust.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Avoid generation of dust. Remove mechanically, placing in appropriate containers for disposal. Clear contaminated area thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Do not breathe dust. In case of open handling equipment with built-in suction must be used.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Store in a place accessible only to authorized persons. Protect against: Light.

Further information on storage conditions

storage temperature: of °C: -25 up to °C: -15

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters Exposure controls

Occupational exposure controls

refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace. Take off immediately all contaminated clothing. Wash hands before breaks and at the end of work. Protect skin by using skin protective cream.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Tested protective gloves are to be worn: Single-use gloves. NBR (Nitrile rubber).

Eye protection

Eye protection: Tightly sealed safety glasses.

Skin protection

Skin protection: Lab apron. Chemical resistant safety shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Colour:

Odour: solid

off-white odourless

Water solubility: partially soluble

10. STABILITY AND REACTIVITY

Conditions to avoid

Light.

Incompatible materials

Water. Oxidizing agents, strong.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides (NO_x). Sulfur oxides.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects_Empirical data on effects on humans

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

Further information

Toxicological data are not available.

12. ECOLOGICAL INFORMATION

Further information

Do not allow uncontrolled leakage of product into the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods Advice on disposal

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing dangerous substances Classified as hazardous waste.

14. TRANSPORT INFORMATION

Other applicable information

Not a hazardous material with respect to these transportation regulations.

Full text of R-phrases referred to under sections 2 and 3

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Further information

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Preparation Information

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Product Safety – multiple
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