

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

DOTA-NOC acetate

Print date: 12.07.2011

Product code: 9712

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product name**

DOTA-NOC acetate

Further trade names

L-Cysteinamide, N-[[4,7,10-tris(carboxymethyl)-1,4,7,10-tetraazacyclododec-1-yl]acetatyl]
-D-phenylalanyl-L-cysteinyl-3-(1-naphthalenyl)-L-alanyl-D-tryptophyl-L-lysyl-L-threonyl-N-[(1R,2R)
-2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic(2-->7)-disulfide

Synonyms: DOTA-[Nal3]-octreotide

CAS No.: 619300-53-7

Use of the substance/mixture

Precursor for radiolabelled DOTA-NOC

Ligand for somatostatin receptors

Details of the supplier of the safety data sheet

Company name: ABX advanced biochemical compounds
Biomedizinische Forschungsreagenzien GmbH
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Place: D-01454 Radeberg
Telephone: +49 3528 4041 60 Telefax: +49 3528 4041 61
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Emergency telephone: +49 3528 4041 60**SECTION 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**SECTION 3: Composition/information on ingredients****Substances**

Sum formula: C₆₉H₉₄N₁₄O₁₇S₂ (net peptide)
Molecular weight: 1454.7

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Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
	DOTA-NOC acetate	95 - 100 %
619300-53-7	Xn R20/21/22	

Full text of R- and H-phrases: see section 16.

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 7: Handling and storage

Precautions for safe handling

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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

SECTION 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.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	solid
Colour:	off-white
Odour:	odourless

Test method**Changes in the physical state**

Water solubility: partially soluble

SECTION 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.

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SECTION 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.

SECTION 12: Ecological information

Further information

Do not allow uncontrolled leakage of product into the environment.

SECTION 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.

Waste disposal number of used product

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.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
Classified as hazardous waste.

SECTION 14: Transport information

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 3 - highly water contaminating

SECTION 16: Other information

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.