

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

(s)-O-Desmethylnaloxone

Print date: 08.07.2011

Product code: 1510

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

(s)-O-Desmethylnaloxone

Further trade names

Benzamide, 3,5-dichloro-N-[(ethyl-2-pyrrolidinyl)methyl]-2,6-dihydroxy-, (S)-

Synonyms:

(S)-3,5-Dichloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dihydroxy-benzamide

Use of the substance/mixture

Precursor for [11C]Naloxone

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****Label elements**

Signal word: Danger

SECTION 3: Composition/information on ingredients**Substances****Chemical characterization**

Benzamide, 3,5-dichloro-N-[(ethyl-2-pyrrolidinyl)methyl]-2,6-dihydroxy-, (S)-

Sum formula: C₁₄H₁₈Cl₂N₂O₃

Molecular weight: 333.21

SECTION 4: First aid measures**Description of first aid measures****After inhalation**

Provide fresh air.

After contact with skin

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

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

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After ingestion

If swallowed, immediately drink: Water. Immediately get medical attention.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Extinguishing materials should be selected according to the surrounding area. Suitable extinguishing media: Foam. Extinguishing powder. Carbon dioxide (CO₂). Atomized water.

Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

SECTION 6: Accidental release measures**Environmental precautions**

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

Do not breathe dust. Conditions to avoid: skin contact. Eye contact. Wear personal protection equipment. Do not eat, drink, smoke or sneeze at the workplace.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container dry. Keep container tightly closed.

Further information on storage conditions

Recommended storage temperature:

of °C: -25

up to °C: -15

Store under (Gas): argon. Nitrogen.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure controls****Occupational exposure controls**

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

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink.

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SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	fest
Colour:	light brown
Odour:	odourless

Test method**Changes in the physical state**

Melting point:	228 - 236 °C
Water solubility:	practically insoluble
Solubility in other solvents:	HCl in aqueous solution

SECTION 10: Stability and reactivity**Conditions to avoid**

Light.

Incompatible materials

Oxidizing agents, strong. Water.

SECTION 11: Toxicological information**Information on toxicological effects****Additional information on tests**

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 empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Do not empty into drains or the aquatic environment. 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.

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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.

Contaminated packaging

Cleaned containers may be recycled.

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