

Material Safety Data Sheet
according to ANSI Z400.1-2004**(S)-O-Desmethylnaclopride hydrobromide**

Print date: 01.08.2012

Product code: 1500

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

(S)-O-Desmethylnaclopride hydrobromide

Further trade names

Benzamide hydrobromide, 3,5-dichloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dihydroxy-, (S)-

Synonyms:

O-Desmethylnaclopride Hydrobromide; O-Desmethylnaclopride HBr;

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

Chemical characterization (substance)

Benzamide hydrobromide, 3,5-dichloro-N-[(1-ethyl-2-pyrrolidinyl)methyl]-2,6-dihydroxy-, (S)-

CAS No.: 113310-88-6

Details of the supplier of the safety data sheet

Company name:	ABX advanced biochemical compounds	
	Biomedizinische Forschungsreagenzien GmbH	
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Emergency telephone: +49 3528 4041 60**SECTION 2: Hazards identification****Route(s) of Entry**

Toxicological data are not available.

Signs and Symptoms of Exposure

Carcinogenicity (NTP): Toxicological data are not available.

Carcinogenicity (IARC): Toxicological data are not available.

Carcinogenicity (OSHA): Toxicological data are not available.

SECTION 3: Composition/information on ingredients**Substances**Sum formula: C₁₄H₁₈Cl₂N₂O₃ x HBr

Molecular weight: 414.12

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.

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After contact with skin

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

After contact with eyes

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

If swallowed, immediately drink: Water. 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 dioxide (CO₂). Carbon monoxide. Nitrogen oxides (NO_x). Hydrogen chloride (HCl). Bromine hydrogen (HBr).

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**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

Treat the assimilated material according to the section on waste disposal. 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****Advice on safe handling**

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

Further information on handling

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. Keep container tightly closed in a cool, well-ventilated place. Store in a place accessible only to authorized persons. Restrict access to stockrooms.

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Further information on storage conditions

storage temperature:

of °C:2

up to °C:8

Store under (Gas): argon. Nitrogen.

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**

Form:	solid
Color:	colourless
Odor:	odourless

Test method**Changes in the physical state**

Water solubility: practically insoluble

Solubility in other solvents: Methanol. Ethanol.

SECTION 10: Stability and reactivity

Stability:	Stable
Possibility of Hazardous Reactions:	Will not occur

Conditions to avoid

Light.

Incompatible materials

Water. Oxidizing agents, strong.

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

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Acute toxicity

No information available.

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

Empirical data on effects on humans

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

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Harmful if swallowed. May cause an allergic skin reaction. Following eye contact: Irritation and etching

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). Do not allow uncontrolled leakage of product into the environment.

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.

Contaminated packaging

Cleaned containers may be recycled.

SECTION 14: Transport information**US DOT 49 CFR 172.101****Proper shipping name**

Not a hazardous material with respect to transportation regulations.

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**U.S. Regulations****SECTION 16: Other information****Hazardous Materials Information Label (HMIS)**

Health:	1
Flammability:	1
Physical Hazard:	1
Personal Protection:	C

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NFPA Hazard Ratings

Health:	1
Flammability:	1
Reactivity:	1
Unique Hazard:	

