

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**(R)-(-)-Norapomorphine hydrobromide**

Print date: 28.08.2012

Product code: 1477

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

(R)-(-)-Norapomorphine hydrobromide

**Further trade names**

4H-Dibenzo[de,g]quinoline-10,11-diol, 5,6,6a,7-tetrahydro-, hydrobromide, (6aR)-

**Synonyms:**

4H-Dibenzo[de,g]quinoline-10,11-diol, 5,6,6a,7-tetrahydro-, hydrobromide, (R)-; R(-)-Norapomorphine hydrobromide; R(-)-Norapomorphine · HBr

**Chemical characterization ( substance )**

4H-Dibenzo[de,g]quinoline-10,11-diol, 5,6,6a,7-tetrahydro-, hydrobromide, (6aR)-

CAS No: 115017-61-3

**Details of the supplier of the safety data sheet**

Company name: ABX advanced biochemical compounds  
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**Emergency telephone:** +49 3528 4041 60**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

**SECTION 3: Composition/information on ingredients****Substances**Sum formula:  $C_{16}H_{15}NO_2 \cdot HBr$ 

Molecular weight: 334.21

**Hazardous components**

CAS No	Components	Quantity
115017-61-3	(R)-(-)-Norapomorphine hydrobromide	95 - 100 %

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

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#### SECTION 5: Firefighting measures

##### Extinguishing media

#### SECTION 6: Accidental release measures

#### SECTION 7: Handling and storage

##### Precautions for safe handling

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

Further information on storage conditions

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#### SECTION 8: Exposure controls/personal protection

##### Control parameters

##### Exposure controls

#### SECTION 9: Physical and chemical properties

##### Information on basic physical and chemical properties

Physical state:

Color:

Test method

Changes in the physical state

Solubility in other solvents:

#### SECTION 10: Stability and reactivity

Stability: Stable

Possibility of Hazardous Reactions: Will not occur

##### Hazardous decomposition products

#### SECTION 11: Toxicological information

##### Information on toxicological effects

#### SECTION 12: Ecological information

#### SECTION 13: Disposal considerations

##### Waste treatment methods

#### SECTION 14: Transport information

#### SECTION 15: Regulatory information

##### U.S. Regulations

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#### SECTION 16: Other information

##### Hazardous Materials Information Label (HMIS)

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

##### NFPA Hazard Ratings

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

