

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**6-Fluoro-L-DOPA hydrochloride**

Print date: 22.02.2012

Product code: 1310

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

6-Fluoro-L-DOPA hydrochloride

**Further trade names**

L-Tyrosine, 2-fluoro-5-hydroxy-, hydrochloride

**Synonyms:**2-Fluoro-5-hydroxy-L-tyrosine hydrochloride; 6-Fluoro-L-DOPA hydrochloride;  
6-Fluoro-DOPA-hydrochloride; F-L-DOPA x HCl; FDOPA**Chemical characterization** ( substance )**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		
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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):	No information available.
Carcinogenicity (IARC):	No information available.
Carcinogenicity (OSHA):	No information available.

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

Sum formula:	C <sub>9</sub> H <sub>10</sub> FNO <sub>4</sub> x HCl
Molecular weight:	251.64

**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**

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

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**Water spray. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).**Special hazards arising from the substance or mixture**Can be released in case of fire: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).  
Fluorhydric acid.**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**

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. 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.

**Further information on storage conditions**

storage temperature:

of °C: -25

up to °C: -15

Protect against: Light.

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**

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

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eat or drink. 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

### Test method

### Changes in the physical state

Solubility in other solvents:	in aqueous solution
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## SECTION 10: Stability and reactivity

Stability:	Stable
Possibility of Hazardous Reactions:	Will not occur

### Conditions to avoid

Light.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

#### Additional information on tests

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

#### Empirical data on effects on humans

Harmful if inhaled. Harmful if swallowed. Harmful in contact with skin.

#### 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.

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**Contaminated packaging**

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

**SECTION 14: Transport information****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:	0
Personal Protection:	C

**NFPA Hazard Ratings**

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

