

**Safety Data Sheet**

according to UK REACH Regulation

**GMIB**

Revision date: 16.06.2022

Product code: 7019

Page 1 of 4

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

GMIB

**Further trade names**

4-(Guanidino methyl)-3iodobenzoic acid supplied as trifluoroacetate salt

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**reference material for byproduct of [<sup>131</sup>I]SGMIB**1.3. Details of the supplier of the safety data sheet**

Company name:	ABX advanced biochemical compounds	
	Biomedizinische Forschungsreagenzien GmbH	
Street:	Heinrich-Gläser-Straße 10-14	
Place:	01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 65
e-mail:	info@abx.de	
Contact person:	Dr. Christoph Meyer	Telephone: +49 3528 4041 8732
e-mail:	meyer@abx.de	
Internet:	http://www.abx.de	

**1.4. Emergency telephone**

+49 3528 4041 60

**number:****SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This substance is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****GB CLP Regulation****Precautionary statements**

P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305	IF IN EYES:
P354	Immediately rinse with water for several minutes.
P302	IF ON SKIN:
P352	Wash with plenty of soap and water.
P314	Get medical advice/attention if you feel unwell.
P273	Avoid release to the environment.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

**2.3. Other hazards**

Warning - substance not yet tested completely.

**SECTION 3: Composition/information on ingredients****3.1. Substances****Chemical characterization**

4-(Guanidino methyl)-3iodobenzoic acid supplied as trifluoroacetate salt

Sum formula: C<sub>9</sub>H<sub>10</sub>N<sub>3</sub>O<sub>2</sub> (free base)

Molecular weight: 319.1 (free base)

**Safety Data Sheet**

according to UK REACH Regulation

**GMIB**

Revision date: 16.06.2022

Product code: 7019

Page 2 of 4

**Hazardous components**

none (according to UK REACH Regulation)

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection!

**After contact with skin**

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

**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 thoroughly with water. Call a physician immediately.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Suitable extinguishing media: Water spray. Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>).**5.2. Special hazards arising from the substance or mixture**In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide Nitrogen oxides (NO<sub>x</sub>).**5.3. Advice for firefighters**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Avoid dust formation. Clear contaminated areas thoroughly.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. Do not eat, drink, smoke or sneeze at the workplace.

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

Keep container dry. Keep locked up.

**Safety Data Sheet**

according to UK REACH Regulation

**GMIB**

Revision date: 16.06.2022

Product code: 7019

Page 3 of 4

**Further information on storage conditions**

storage temperature:  
 of °C: 2  
 up to °C: 8  
 Protect against: Light.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Appropriate engineering controls**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

**Individual protection measures, such as personal protective equipment****Respiratory protection**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	solid
Colour:	whitish , brown

**Test method****Changes in the physical state**

Boiling point or initial boiling point and  
 boiling range:

ASTM D 1078

Softening point:

DIN 51920

Pour point:

NBN 52014

:

ASTM D 1015

**Solubility in other solvents**

dimethylsulphoxide (DMSO).

**9.2. Other information****Information with regard to physical hazard classes**

Sustaining combustion:

UN Test L.2

**Further Information****SECTION 10: Stability and reactivity****10.5. Incompatible materials**

Water. Oxidizing agents, strong.

**10.6. Hazardous decomposition products**

Carbon dioxide. Carbon monoxide. Nitrogen oxides (NOx).

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Irritation and corrosivity**

Irritating to eyes. After skin contact: irritant.

**Further information**

Toxicological data are not available.

**Safety Data Sheet**

according to UK REACH Regulation

**GMIB**

Revision date: 16.06.2022

Product code: 7019

Page 4 of 4

**SECTION 12: Ecological information****12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of UK REACH.

**12.6. Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**Further information**

Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**List of Wastes Code - 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 hazardous substances; hazardous waste

**List of Wastes Code - used product**

160508 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; discarded organic chemicals consisting of or containing hazardous substances; hazardous waste

**Contaminated packaging**

Non-contaminated packages may be recycled.

**SECTION 14: Transport information****Other applicable information**

Not a hazardous material with respect to transportation regulations.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water hazard class (D): 3 - highly hazardous to water

**SECTION 16: Other information**