

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

TET

Print date: 17.06.2011

Product code: 3050

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

TET

Further trade names

L-Tyrosine, O-[2-[[[4-methylphenyl)sulfonyl]oxy]ethyl]-N-(triphenylmethyl)-1,1-dimethylethyl ester

Synonyme: L-Tyrosine, O-(2-tosyloxyethyl)-N-trityl, tert-butyl ester; (2S)-O-(2'-tosyloxyethyl)-N-trityl-tyrosine-tert-butyl ester

CAS No.: 478037-15-9

Use of the substance/mixture

Precursor für O-(2-[18F]Fluoroethyl)-L-tyrosine

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****Classification of the substance or mixture**

Indications of danger : Harmful

R-phrases:

Harmful by inhalation, in contact with skin and if swallowed.

GHS classification

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Label elements**Hazardous components which must be listed on the label**

L-Tyrosine, O-[2-[[[4-methylphenyl)sulfonyl]oxy]ethyl]-N-(triphenylmethyl)-1,1-dimethylethyl ester

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

Sum formula:	C41H43NO6S
Molecular weight:	677.85

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Hazardous components

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
	L-Tyrosine, O-[2-[[[(4-methylphenyl)sulfonyl]oxy]ethyl]-N-(triphenylmethyl)-1,1-dimethylethyl ester	95 - 100 %
478037-15-9	Xn R20/21/22	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures

Description of first aid measures

After inhalation

In case of breathing difficulties administer oxygen. Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

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

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

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. Foam. Extinguishing powder. Carbon dioxide (CO₂).

Special hazards arising from the substance or mixture

Can be released in case of fire: Nitrogen oxides (NO_x). Carbon monoxide. Carbon dioxide (CO₂). Sulfur oxides.

Additional information

Use a water spray jet to knock down vapours/gases/mists. 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

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eye and clothing. Wear personal protection equipment.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Avoid generation of dust. Collect mechanically. Treat the assimilated material according to the section on waste disposal.

SECTION 7: Handling and storage

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Precautions for safe handling**Advice on safe handling**

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

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

Keep container dry. Keep container tightly closed. Keep locked up. Store in a place accessible only to authorized persons. Keep container in a well-ventilated place.

Further information on storage conditions

Recommended storage temperature: :

of °C: -25 up to °C: -15

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

Take off immediately all contaminated clothing. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

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**

Physical state:	solid
Colour:	off-white

Test method**Changes in the physical state****SECTION 10: Stability and reactivity****Conditions to avoid**

Light.

Incompatible materials

Water. Oxidizing agents, strong.

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

Acute toxicity, oral. Acute toxicity, inhalant. Acute toxicity, dermal.

Additional information on tests

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

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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**

Waste disposal according to official state regulations.

Waste disposal number of waste from residues/unused products

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.

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

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**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**Full text of R-phrases referred to under sections 2 and 3**

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.