

Material Safety Data Sheet

according to ANSI Z400.1-2004

TriBoc-L-DOPA ethyl ester

Print date: 30.04.2013

Product code: 1342

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

TriBoc-L-DOPA ethyl ester

Further trade names

L-Tyrosine, 5[[[(1,1-dimethylethoxy)carbonyl]oxy]-N-[(1,1-dimethylethoxy)carbonyl]-2-(trimethylstannyl)-, ethyl ester, 1,1-dimethylethyl carbonate

Synonyms:

N-(tert-butoxycarbonyl)-3,4-di(tert-butoxycarbonyloxy)-6-(trimethylstannyl)-L-phenylalanine ethyl ester

Chemical characterization (substance)

L-Tyrosine, 5[[[(1,1-dimethylethoxy)carbonyl]oxy]-N-[(1,1-dimethylethoxy)carbonyl]-2-(trimethylstannyl)-, ethyl ester, 1,1-dimethylethyl carbonate

CAS No: 203398-46-3

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****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients**Substances**Sum formula: C₂₉H₄₇NO₁₀Sn

Molecular weight: 688.39

Hazardous components

CAS No	Components	Quantity
203398-46-3	TriBoc-L-DOPA ethyl ester	95 - 100 %

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SECTION 4: First aid measures

Description of first aid measures

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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-15

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

Melting point:

41 - 45 °C

SECTION 10: Stability and reactivity

Stability:

Stable

Possibility of Hazardous Reactions:

Will not occur

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

CAS No	Components				
	Exposure routes	Method	Dose	Species	Source
203398-46-3	TriBoc-L-DOPA ethyl ester				
	oral	ATE	100 mg/kg		
	dermal	ATE	1100 mg/kg		

Empirical data on effects on humans

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analog Hexabutyltin; CAS 813-19-4

SECTION 12: Ecological information**SECTION 13: Disposal considerations****Waste treatment methods****SECTION 14: Transport information****US DOT 49 CFR 172.101**

<u>ID Number:</u>	3146
<u>Proper shipping name</u>	Organotin compound, solid, n.o.s. (contains Trimethyltin-dopa-derivate)
<u>Hazard Class or Division:</u>	6.1
<u>Packing group:</u>	III
Label:	6.1

Marine transport (IMDG)

<u>UN number:</u>	3146
<u>UN proper shipping name:</u>	Organotin compound, solid, n.o.s. (contains Trimethyltin-dopa-derivate)
<u>Transport hazard class(es):</u>	6.1
<u>Packing group:</u>	III
Hazard label:	6.1

Air transport (ICAO)

<u>UN number:</u>	3146
<u>UN proper shipping name:</u>	Organotin compound, solid, n.o.s. (contains Trimethyltin-dopa-derivate)
<u>Transport hazard class(es):</u>	6.1
<u>Packing group:</u>	III
Hazard label:	6.1

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

Health:	3
Flammability:	1
Physical Hazard:	1
Personal Protection:	F

NFPA Hazard Ratings

Health:	3
Flammability:	1
Reactivity:	1
Unique Hazard:	

