

381900

BACHEM

Revision: 28.07.2011 Printing date: 07.07.2016

	Identification of the substance/mixture and of the company/undertaking
-	Product identifier
•	Trade name:
	(Nle⁴,D-Phe ⁷)-α-MSH trifluoroacetate salt
	Ac-Ser-Tyr-Ser-Nle-Glu-His-D-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH2 Melanotan 1 Afamelanotide
•	Article number:
	new: 4003800 old: H-1100
•	CAS Number:
	75921-69-6
•	Relevant identified uses of the substance or mixture and uses advised against
	Application of the substance / the preparation
	Laboratory chemicals
•	Details of the supplier of the safety data sheet
	Manufacturer/Supplier:
•	Bachem AG
	Hauptstrasse 144
	CH-4416 Bubendorf
	Switzerland
	E-mail msds@bachem.com
	Tel +41 58 595 2021 Fax +41 58 595 2040
	Fax +41 30 395 2040
•	Further information obtainable from:
	Department: Marketing
•	Emergency telephone number: +41 44 251 51 51 (Tox Info Suisse)
12	Hazards identification
	Hazards identification
•	Classification of the substance or mixture
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(Contd. on page 2)



Safety data sheet according to 1907/2006/EC, Article 31

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(Contd. of page 1)

PRODUCT : (Nle⁴,D-Phe⁷)-α-MSH trifluoroacetate salt

OS1830200

04 First aid measures

- After inhalation:
- Supply fresh air; consult doctor in case of complaints. • After skin contact:
- Immediately wash with water and soap and rinse thoroughly. • After eye contact:
- Rinse opened eye for several minutes under running water.
- After swallowing:
- Call a doctor immediately.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

05 Firefighting measures

Suitable extinguishing agents:

- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.Special hazards arising from the substance or mixture
- No further relevant information available.Advice for firefighters
- Advice for irreligners
 Protective equipment:
- No special measures required.

06 Accidental release measures

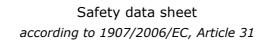
- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions:
- No special measures required.
- Methods and material for containment and cleaning up: Pick up mechanically.

07 Handling and storage

- Handling:
- Precautions for safe handling Prevent formation of dust.
- Information about fire and explosion protection:
- No special measures required.
- Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Store in dry conditions.
- Recommended storage temperature: -20 +/- 5 °C
- Specific end use(s)
- No further relevant information available.

(Contd. on page 3)





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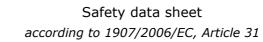
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General Information			
Appearance:			
Form:	Lyophilisate		
Colour:	Whitish		
Odour:	Nearly odourless		
Odour threshold:	Not determined.		
Molecular Weight	1.646,8700 g/mol		
Change in condition			
Boiling point/Boiling range:	Undetermined.		
Flash point:	Not applicable.		
Flammability (solid, gaseous):	Not applicable.		
Ignition temperature:			
Decomposition temperature:	Not determined.		
Self-igniting:	Not determined.		
Danger of explosion:	Not determined.		
Explosion limits:			
Lower:	Not determined.		
Upper:	Not determined.		
Vapour pressure:	Not determined.		
Density:	Not determined.		
Solubility in / Miscibility with			
water:	at 25℃ 1,00 g/l		
Viscosity:			
Dynamic:	Not determined.		
Kinematic:	Not determined.		





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(Contd. of page 3)

PRODUCT : (NIe⁴,D-Phe⁷)-α-MSH trifluoroacetate salt

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid
- No further relevant information available.
- Incompatible materials:
- No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Acute toxicity: No further relevant information available.
- Primary irritant effect:
- · on the skin:
- No further relevant information available.
- on the eye:
- No further relevant information available. • Sensitization:
- No sensitizing effects known.
- Additional toxicological information:
- The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

- Acquatic toxicity:
- No further relevant information available.Persistence and degradability
- Persistence and degradability
- No further relevant information available.
- Behaviour in environmental systems:
 Bioaccumulative potential
- No further relevant information available.
- Mobility in soil
- No further relevant information available.
- Additional ecological information:
- General notes: Not known to be hazardous to water.
- · Results of PBT and vPvB assessment
- PBT:
- Not applicable.
- vPvB:
- Not applicable.
- Other adverse effects
- No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- Waste disposal key: 18 02 06
- Uncleaned packaging:
- Recommendation:
 - Disposal must be made according to official regulations.



Safety data sheet according to 1907/2006/EC, Article 31

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4 Transport information ADR/RID class: - IMDG Class: - ICAO/IATA Class: - ICAO/IATA Class: - Environmental hazards: - Not applicable. - Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. 5 Regulatory information • • National regulations: • • Waterhazard class: Generally not hazardous for water.Self-assessment • Chemical safety assessment: A Chemical Safety Assessment has not been carried out.		(Contd. of page 4)
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• •	· · · ·	
WGK: Wassergefährdungsklasse		
vPvB: very Persistent and very Bioaccumulative		
	* Data compared to the previous version altered.	